

6074

<400> 6854

Asn Arg Leu Phe Arg Lys Ser Cys Thr Ser Leu Lys Phe Leu Thr Phe
 1 5 10 15

Thr Cys Phe Phe Gln Ser Tyr Leu Tyr Gln Ile Leu Gln Gly Ile Val
 20 25 30

Phe Cys His Ser Arg Arg Val Leu His Arg Asp Leu
 35 40

<210> 6855

<211> 82

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6855

Ala Arg Ala Glu Phe Gly Thr Ser Gly Thr Ser Lys Gly Ser Cys Phe
 1 5 10 15

His Arg Ile Ile Pro Gly Phe Met Cys Gln Gly Gly Asp Phe Thr Arg
 20 25 30

His Asn Gly Thr Gly Gly Lys Ser Ile Tyr Gly Glu Lys Phe Glu Asp
 35 40 45

Xaa Asn Phe Ile Leu Lys His Thr Gly Pro Gly Ile Leu Ser Met Ala
 50 55 60

Asn Ala Gly Pro Asn Thr Asn Gly Ser Gln Phe Phe Ile Cys Thr Ala
 65 70 75 80

Gln Asp

<210> 6856

<211> 32

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

6075

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6856

Val	Asn	Ser	Leu	Pro	Gly	Ser	Pro	Asp	Leu	Val	Asp	Tyr	Thr	Leu	Ser
1				5				10						15	

Xaa	Pro	Ala	Arg	Ala	Xaa	Xaa	Thr	Xaa	Arg	Thr	Arg	Gly	Gly	Thr	His
			20				25						30		

<210> 6857

<211> 69

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6857

6076

Ile Gly Gly Xaa Ile Pro Ala Gly Pro Gln Cys Thr Leu Val Ser Arg
 1 5 10 15
 Ala Pro Gln Thr Leu Lys Met Asp Glu Leu Leu Ala Glu Met Gln Gln
 20 25 30
 Thr Xaa Glu Ser Asn Phe Leu Gln Ala Pro Gln Arg Ala Pro Gly Val
 35 40 45
 Xaa Asp Leu Ala Leu Ser Glu Asn Trp Ala Gln Ser Asp Leu Gln Leu
 50 55 60
 Glu Met Leu Trp Met
 65

<210> 6858

<211> 127

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (104)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (105)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (111)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6858

Leu Trp Arg Val Trp Gly Ala Glu Pro Arg Ala Pro Val Gly Pro Leu
 1 5 10 15

Leu Trp Arg Trp Ala Gln Pro Gly Ala Ala Ser Phe Glu Gly Arg Arg
 20 25 30

Asp Leu Phe Lys Gly Val Glu Thr Gly Arg Lys Arg Pro Arg Leu Gly
 35 40 45

Phe Gln Gly Ala Gly Asn Val Asn Arg Arg Leu Ala Cys Pro Leu Thr
 50 55 60

Val Ala Pro Ser Ser Pro Arg Lys Met Phe Ser Ser Val Ala His Leu

6077

65					70						75				80
Ala	Arg	Ala	Asn	Pro	Phe	Asn	Thr	Pro	His	Leu	Gln	Leu	Val	His	Asp
				85					90					95	
Gly	Leu	Gly	Asp	Leu	Arg	Ser	Xaa	Xaa	Pro	Gly	Pro	Thr	Gly	Xaa	Pro
			100					105					110		
Arg	Arg	Leu	Ala	Thr	Cys	Ser	Arg	Arg	Arg	Gly	Arg	Val	Gln	Leu	
		115					120					125			

<210> 6859

<211> 113

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (72)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (88)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (91)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (101)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (105)

6078

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (113)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6859

Ile	Arg	His	Xaa	Val	Lys	Arg	Gly	Leu	Val	Leu	Arg	Asn	Glu	Lys	Cys
1				5				10						15	

Asn	Glu	Asn	Tyr	Thr	Thr	Asp	Phe	Ile	Phe	Asn	Leu	Tyr	Ser	Glu	Glu
			20					25					30		

Gly	Lys	Gly	Ile	Phe	Asp	Ser	Arg	Xaa	Asn	Val	Leu	Gly	His	Met	Gln
		35					40					45			

Gln	Gly	Gly	Ser	Pro	Thr	Pro	Phe	Asp	Arg	Asn	Phe	Ala	Thr	Lys	Met
	50					55					60				

Gly	Ala	Lys	Ala	Met	Asn	Trp	Xaa	Ser	Gly	Lys	Ile	Lys	Lys	Asn	Tyr
65					70					75					80

Arg	Asn	Gly	Arg	Ile	Phe	Ala	Xaa	Thr	Pro	Xaa	Pro	Ala	Leu	Phe	Leu
				85					90					95	

Gly	Tyr	Leu	Lys	Xaa	Leu	Val	Phe	Xaa	Gln	Trp	Leu	Thr	Glu	Arg	Gln
		100						105					110		

Xaa

<210> 6860

<211> 70

<212> PRT

<213> Homo sapiens

<400> 6860

Met	Glu	Arg	Gly	Lys	Ile	Gln	Val	Ser	Thr	Asp	Phe	Ala	Met	Gln	Asn
1				5					10					15	

Val	Leu	Leu	Gln	Met	Gly	Leu	His	Val	Leu	Ala	Val	Asn	Gly	Met	Leu
			20					25					30		

Ile	Arg	Glu	Ala	Arg	Ser	Tyr	Ile	Leu	Arg	Cys	His	Gly	Cys	Phe	Lys
		35					40					45			

Thr	Thr	Ser	Asp	Met	Ser	Arg	Val	Phe	Cys	Ser	His	Cys	Gly	Asn	Lys
	50					55					60				

6079

Thr Leu Lys Lys Cys Pro
65 70

<210> 6861

<211> 89

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (71)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6861

Val Ala Pro Thr Gly Pro Met Ala Ala Pro Gly Ala Pro Ala Glu Tyr
1 5 10 15

Gly Tyr Ile Arg Thr Val Leu Gly Gln Gln Ile Leu Gly Gln Leu Asp
20 25 30

Ser Ser Ser Leu Ala Leu Pro Ser Glu Ala Lys Leu Lys Leu Ala Gly
35 40 45

Ser Ser Gly Arg Gly Gly Gln Thr Val Lys Ser Leu Arg Ile Gln Glu
50 55 60

Gln Val Gln Gln Thr Leu Xaa Arg Lys Ala Ala Ala Pro Trp Ala Thr
65 70 75 80

Glu Ile Phe Thr Glu Pro Ala Val Phe
85

<210> 6862

<211> 90

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

6080

<220>
<221> SITE
<222> (27)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (31)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (36)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (42)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (49)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (54)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (69)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (74)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (88)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6862
Ser Xaa Arg Phe Gly Thr Arg Arg Gly Ser Ser His Leu Ser Gln Trp
1 5 10 15
Leu Asn Asn Xaa Phe Ala Leu Pro Phe Ser Xaa Met Ala Ser Xaa Leu

6081

20 25 30
 Asp Met Ser Xaa Val Val Gly Ala Gly Xaa Lys His Thr Pro Asp Ser
 35 40 45
 Xaa Asn Lys Cys Ser Xaa Trp Gly Leu Cys His Lys Leu His Arg Ser
 50 55 60
 Leu Ser Ser Pro Xaa Ala Ser Gly Lys Xaa Leu Gln Leu His Ser His
 65 70 75 80
 His Pro Val Pro Gln Lys Arg Xaa Pro Ile
 85 90

<210> 6863

<211> 138

<212> PRT

<213> Homo sapiens

<400> 6863

Ser Asp Ser Asp Lys Glu Trp Ile Ala Ala Leu Arg Arg Lys Tyr Arg
 1 5 10 15
 Ser Arg Glu Gln Thr Leu Ser Ser Ser Gly Glu Ser Trp Glu Thr Leu
 20 25 30
 Pro Gly Lys Glu Glu Arg Glu Pro Pro Gln Ala Lys Val Ser Ala Ser
 35 40 45
 Thr Gly Thr Ser Pro Gly Pro Gly Ala Ser Ala Ser Ala Gly Ala Gly
 50 55 60
 Ala Gly Ala Asn Ala Gly Ser Asn Gly Ser Asn Tyr Leu Glu Glu Val
 65 70 75 80
 Arg Glu Pro Ser Leu Gln Glu Glu Gln Ala Ser Leu Glu Glu Gly Glu
 85 90 95
 Ile Pro Trp Leu Gln Tyr His Glu Asn Asp Ser Ser Ser Glu Gly Asp
 100 105 110
 Asn Asp Ser Gly His Glu Leu Met Gln Pro Gly Val Phe Met Leu Asp
 115 120 125
 Gly Asn Thr Thr Leu Lys Met Thr Ser Val
 130 135

6082

<210> 6864

<211> 159

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (145)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (150)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (154)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6864

Val	Phe	Xaa	Gln	Phe	Asn	Gly	Lys	Arg	Cys	Thr	Asp	Ala	Val	Gly	Asp
1				5				10						15	

Arg	Arg	Gln	Cys	Val	Pro	Thr	Glu	Pro	Cys	Glu	Asp	Ala	Glu	Asp	Asp
		20					25					30			

Cys	Gly	Asn	Asp	Phe	Gln	Cys	Ser	Thr	Gly	Arg	Cys	Ile	Lys	Met	Arg
	35						40					45			

Leu	Arg	Cys	Asn	Gly	Asp	Asn	Asp	Cys	Gly	Asp	Phe	Ser	Asp	Glu	Asp
	50					55					60				

Asp	Cys	Glu	Ser	Glu	Pro	Arg	Pro	Pro	Cys	Arg	Asp	Arg	Val	Val	Glu
65					70				75						80

Glu	Ser	Glu	Leu	Ala	Leu	Thr	Ala	Gly	Tyr	Gly	Ile	Asn	Ile	Leu	Gly
			85					90						95	

Met	Asp	Pro	Leu	Ser	Thr	Pro	Phe	Asp	Asn	Glu	Phe	Tyr	Asn	Gly	Leu
		100					105						110		

Cys	Asn	Arg	Asp	Arg	Asp	Gly	Asn	Thr	Leu	Thr	Tyr	Tyr	Arg	Arg	Pro
	115					120						125			

Trp	Asn	Val	Ala	Ser	Leu	Ile	Tyr	Glu	Thr	Lys	Gly	Glu	Lys	Asn	Phe
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6083

130 135 140
 Xaa Thr Glu His Ser Xaa Asn Lys Leu Xaa His Leu Lys Val Ser
 145 150 155

 <210> 6865
 <211> 86
 <212> PRT
 <213> Homo sapiens

 <400> 6865
 Lys Asn Ser Ser Glu Gly Asn Lys His His Lys Ser Thr Pro Leu Leu
 1 5 10 15

 Ile His Cys Arg Asp Gly Ser Gln Gln Thr Gly Ile Phe Cys Ala Leu
 20 25 30

 Leu Asn Leu Leu Glu Ser Ala Glu Thr Glu Glu Val Val Asp Ile Phe
 35 40 45

 Gln Val Val Lys Ala Leu Arg Lys Ala Arg Pro Gly Met Val Ser Thr
 50 55 60

 Phe Glu Gln Tyr Gln Phe Leu Tyr Asp Arg His Cys Gln His Leu Pro
 65 70 75 80

 Cys Ser Glu Trp Thr Arg
 85

<210> 6866
 <211> 53
 <212> PRT
 <213> Homo sapiens

 <400> 6866
 Ile Arg Val Asn Ala Val Asn Pro Thr Val Val Met Thr Ser Met Gly
 1 5 10 15

 Gln Ala Thr Trp Ser Asp Pro His Lys Ala Lys Thr Met Leu Asn Arg
 20 25 30

 Ile Pro Leu Gly Lys Phe Ala Glu Val Glu His Val Val Asn Gly Ile
 35 40 45

 Leu Phe Leu Leu Ser
 50

6084

<210> 6867

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6867

Thr	Met	Xaa	Phe	Phe	Lys	Ile	Leu	Arg	Gly	Gln	Asp	His	Cys	Gly	Xaa
1				5					10					15	

Glu	Ser	Glu	Val	Val	Ala	Gly	Ile	Pro	Arg	Thr	Asp	Gln	Tyr	Trp	Glu
			20					25						30	

Lys Ile

<210> 6868

<211> 78

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6085

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6868

His	Ile	Xaa	Ala	Pro	Ala	Ala	Xaa	Pro	Lys	Ala	Thr	Pro	Ile	Thr	Thr
1				5					10					15	

Pro	Trp	Pro	Gly	Gly	Asn	Ala	Tyr	Ile	Asp	Asn	Leu	Xaa	Ala	Asp	Gly
			20					25					30		

Asp	Leu	Xaa	Glu	Arg	Gly	Ile	Val	Ala	Thr	Arg	Thr	Arg	Xaa	Pro	Ser
			35				40					45			

Gly	Arg	Xaa	Pro	Arg	Xaa	Thr	Xaa	Xaa	Xaa	Leu	Thr	Gln	Ala	Glu	Val
			50			55					60				

Val	Ser	Trp	Leu	Ala	Lys	Thr	Gly	Lys	Phe	Tyr	Phe	Asn	Gly
	65					70				75			

6086

<210> 6869

<211> 86

<212> PRT

<213> Homo sapiens

<400> 6869

Lys Arg Gly His Tyr Gly Val Gln Arg Thr Glu Leu Leu Pro Gly Asp
1 5 10 15

Arg Asp Asn Leu Ala Ile Gln Thr Arg Gly Gly Pro Glu Lys His Glu
20 25 30

Val Thr Gly Trp Val Leu Val Ser Pro Leu Ser Lys Glu Asp Ala Gly
35 40 45

Glu Tyr Glu Cys His Ala Ser Asn Ser Gln Gly Gln Ala Ser Ala Ser
50 55 60

Ala Lys Ile Thr Val Val Asp Ala Leu His Glu Ile Pro Val Lys Lys
65 70 75 80

Gly Glu Gly Ala Glu Leu
85

<210> 6870

<211> 159

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (118)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (120)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (124)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (144)

<223> Xaa equals any of the naturally occurring L-amino acids

6087

<220>

<221> SITE

<222> (150)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (154)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6870

Asp Arg Glu Gln Lys Ser Tyr Arg Gly His Ser Lys Gln Gln His His
 1 5 10 15

Val Thr Thr Lys Asp Leu His Leu Lys Leu Asn Thr Glu Cys Ser Ile
 20 25 30

Ser Thr Asp Ser Lys Gly Phe Pro Lys Asn Ile Thr Asn Asn Arg Gly
 35 40 45

Lys Lys Arg Tyr Pro Asp Ser Lys Asp Leu Thr Met Val Leu Lys Thr
 50 55 60

Tyr Asp Thr Ser Phe Leu Asp Phe Leu Gln Lys Val Phe Gly Met Gly
 65 70 75 80

Asn Leu Ser Leu Ser His Gly Pro Arg Asp Gln Ala Leu Gln Ala Trp
 85 90 95

Leu Gly Ile Pro Ser Val Phe Gly Asn Leu Gln Ala Thr Ala Gln Ala
 100 105 110

Pro Asp Pro Gly Gly Xaa Ser Xaa Phe Leu Phe Xaa Pro Leu Gly Asp
 115 120 125

Lys Gly Arg Asp Lys Val Ser Arg Val Val Ile His Ser Glu Gln Xaa
 130 135 140

Arg Gln Met Glu Ile Xaa Pro Lys Gly Xaa Pro Gly Glu Thr Lys
 145 150 155

<210> 6871

<211> 103

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

6088

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (97)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6871

Gly Xaa Trp Gly Ile Ser Pro Arg Gly Ala Gly Tyr Thr Phe Gly Gln
1 5 10 15

Asp Ile Ser Glu Thr Phe Asn His Ala Asn Gly Leu Thr Leu Val Ser
20 25 30

Arg Ala His Gln Leu Val Met Glu Gly Tyr Asn Trp Cys His Asp Arg
35 40 45

Asn Val Val Thr Ile Phe Ser Ala Pro Asn Tyr Cys Tyr Arg Cys Gly
50 55 60

Asn Gln Ala Ala Ile Met Glu Leu Asp Asp Thr Leu Lys Tyr Ser Phe
65 70 75 80

Leu Gln Phe Asp Pro Ala Pro Arg Arg Gly Glu Pro His Val Thr Arg
85 90 95

Xaa Thr Pro Asp Tyr Phe Leu
100

<210> 6872

<211> 64

<212> PRT

<213> Homo sapiens

<400> 6872

Tyr Ile Ala Ala Cys Leu Leu Leu Tyr Leu Ser Asp Thr Ile Ser Pro
1 5 10 15

Glu Gln Ala Ile Asp Ser Leu Arg Asp Leu Arg Gly Ser Gly Ala Ile
20 25 30

Gln Thr Ile Lys Gln Tyr Asn Tyr Leu His Glu Phe Arg Asp Lys Leu
35 40 45

Ala Ala His Leu Ser Ser Arg Asp Ser Gln Ser Arg Ser Val Ser Arg
50 55 60

6089

<210> 6873

<211> 90

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (82)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (84)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (89)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6873

Ile Thr His Gln Ile Arg Val Leu Arg Leu Thr Trp Val Leu Val Trp
1 5 10 15

Asn Val Leu Leu Val Gln Trp Glu Arg Val Leu Lys Val Phe His Tyr
20 25 30

Phe Glu Ser Asn Ser Glu Pro Thr Thr Trp Ala Ser Ile Xaa Arg His
35 40 45

Gly Asp Ala Thr Asp Val Arg Gly Ile Ile Gln Lys Ile Val Asp Ser
50 55 60

His Lys Xaa Lys His Cys Gly Leu Leu Trp Ile Pro Ala Ser Val Pro
65 70 75 80

Cys Xaa Gln Xaa Glu Gly Ser Leu Xaa Ser
85 90

6090

<210> 6874

<211> 76

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6874

Arg	Ser	Phe	Gln	Glu	Tyr	Met	Ala	Gln	Met	Glu	Lys	Lys	Leu	Glu	Glu
1				5					10					15	

Glu	Arg	Glu	Asn	Leu	Leu	Arg	Glu	His	Glu	Arg	Leu	Leu	Lys	His	Lys
			20					25					30		

Leu	Lys	Val	Gln	Glu	Glu	Met	Leu	Lys	Glu	Glu	Phe	Gln	Lys	Lys	Ser
		35					40					45			

Glu	Gln	Xaa	Asn	Lys	Glu	Ile	Asn	Gln	Leu	Lys	Glu	Lys	Ile	Glu	Ser
		50				55					60				

Thr	Lys	Asn	Glu	Gln	Val	Lys	Ala	Leu	Lys	Asp	Pro
65					70				75		

<210> 6875

<211> 53

<212> PRT

<213> Homo sapiens

<400> 6875

Pro	Arg	Val	Arg	Leu	Gly	Phe	Phe	Glu	Gly	Ser	Val	Leu	Phe	Pro	Glu
1				5					10					15	

Pro	Leu	Thr	Trp	Met	Asp	Lys	Leu	Val	Val	Glu	Tyr	Ala	Asn	Ala	Ile
			20					25					30		

Cys	Gln	Trp	Glu	Arg	Asn	Lys	Leu	Gln	Cys	Ser	Asp	Thr	Glu	Gln	Val
		35					40					45			

Glu	Ala	Asp	Leu	Glu
				50

6091

<210> 6876
 <211> 84
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (6)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (40)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 6876
 Gly Pro Ala Gln Ala Xaa Phe Lys Phe Pro Gly Arg Gln Lys Ile His
 1 5 10 15
 Ile Ser Lys Lys Trp Gly Phe Thr Lys Phe Asn Ala Asp Glu Phe Glu
 20 25 30
 Asp Met Val Ala Glu Lys Arg Xaa Ala Ser Gln Met Ala Val Gly Ser
 35 40 45
 Ser Thr Ser Pro Val Val Gly Pro Leu Gly Gln Val Ala Gly Pro Ala
 50 55 60
 Leu His Gly Gly Leu Ser Asn Val Leu Ala Pro Leu Leu Asn Thr Ser
 65 70 75 80
 Pro Ile Lys Phe

<210> 6877
 <211> 58
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (2)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (45)
 <223> Xaa equals any of the naturally occurring L-amino acids

6092

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6877

Ile	Xaa	Ser	Glu	Leu	Tyr	Val	Arg	Pro	Asp	Asp	Val	His	Val	Asn	Ile
1				5					10					15	

Arg	Leu	Val	Glu	Leu	Tyr	Arg	Ser	Thr	Lys	Arg	Leu	Lys	Asp	Ala	Val
			20					25					30		

Ala	His	Cys	His	Glu	Ala	Arg	Arg	Asn	Ile	Ala	Leu	Xaa	Xaa	Lys	Phe
		35						40					45		

Arg	Val	Glu	Phe	Val	Cys	Cys	Thr	Asp	Pro
	50					55			

<210> 6878

<211> 83

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (74)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6878

Thr	Gly	Val	Asp	Ser	Gly	Gly	Ala	Ala	Arg	Arg	Asp	Met	Arg	Leu	Ser
1				5					10					15	

Trp	Phe	Arg	Val	Leu	Thr	Val	Leu	Ser	Ile	Cys	Leu	Ser	Ala	Val	Ala
			20					25					30		

Thr	Ala	Thr	Gly	Ala	Glu	Gly	Lys	Arg	Lys	Leu	Gln	Ile	Gly	Val	Lys
			35					40					45		

Lys	Arg	Val	Asp	His	Cys	Pro	Ile	Lys	Ser	Arg	Lys	Gly	Asp	Val	Leu
		50						55				60			

His	Met	His	Tyr	Thr	Gly	Lys	Leu	Glu	Xaa	Gly	Thr	Xaa	Phe	Asp	Ser
65						70					75				80

6093

Ser Leu Pro

<210> 6879

<211> 102

<212> PRT

<213> Homo sapiens

<220>

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<222> (13)

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<220>

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6094

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<222> (73)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (96)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6879

Gly	Arg	Asp	Pro	Val	Arg	Ala	Pro	Ala	Pro	Ser	Asn	Xaa	Gly	Gly	Pro
1				5					10					15	

Glu	Pro	Xaa	Trp	Arg	Ser	Pro	Xaa	Pro	Leu	Ser	Ala	Ser	Leu	His	Xaa
			20					25					30		

Thr	Ser	Pro	His	Pro	Xaa	Gly	Leu	Trp	Thr	Thr	Thr	Xaa	Xaa	Arg	Ala
			35				40						45		

Xaa	Ala	Gly	Arg	Gly	Gly	Ala	Xaa	Gly	Pro	Xaa	Gly	Pro	Xaa	Xaa	Gly
		50				55					60				

Xaa	Lys	Ile	Cys	Gln	Phe	Lys	Leu	Xaa	Leu	Leu	Gly	Glu	Ser	Ser	Val
	65					70				75					80

Gly	Lys	Ser	Ser	Leu	Val	Leu	Arg	Phe	Phe	Lys	Gly	Gln	Phe	Tyr	Xaa
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6095

85

90

95

Tyr His Glu Ser Thr Ile
100

<210> 6880

<211> 69

<212> PRT

<213> Homo sapiens

<220>

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<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6880

Ala Leu Glu Met Leu Leu Ala Ala Trp Gly Lys Ser Ser Leu Thr Ile
1 5 10 15

Gln Phe Val Glu Gly Gln Phe Val Asp Ser Tyr Asp Pro Thr Ile Glu
20 25 30

Asn Thr Phe Thr Lys Leu Ile Thr Val Lys Trp Thr Xaa Leu Ser Cys
35 40 45

Xaa Thr Cys Arg His Ser Arg Ala Lys Met Asn Ile Leu Ser Phe Pro
50 55 60

Ser Gly His Thr Pro
65

<210> 6881

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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6096

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<222> (23)

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<222> (35)

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<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6881

Thr	Leu	Arg	Pro	Thr	Gln	Thr	Xaa	Asn	Xaa	Tyr	Tyr	Cys	Ala	Arg	His
1				5					10					15	

Thr	Asn	Gln	Xaa	His	Pro	Xaa	Tyr	Arg	Met	Lys	Arg	Trp	Ile	Asp	Pro
		20						25					30		

Trp	Gly	Xaa	Gly	Thr	Xaa	Val	Thr	Asp	Xaa	Ser
	35						40			

<210> 6882

<211> 61

<212> PRT

<213> Homo sapiens

<220>

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<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

6097

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6882

Arg	Arg	Ile	Lys	Asp	Phe	Leu	Leu	Thr	Ala	Arg	Arg	Lys	Asp	Ala	Lys
1				5					10					15	

Ser	Val	Lys	Ile	Lys	Lys	Asn	Lys	Asp	Asn	Val	Lys	Phe	Lys	Val	Arg
			20					25					30		

Cys	Ser	Arg	Tyr	Leu	Tyr	Thr	Leu	Val	Xaa	Thr	Asp	Lys	Glu	Lys	Ala
			35				40					45			

Xaa	Lys	Leu	Lys	Gln	Ser	Leu	Pro	Pro	Arg	Phe	Ala	Gln
	50					55						60

<210> 6883

<211> 103

<212> PRT

<213> Homo sapiens

<220>

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<222> (20)

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<222> (46)

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<220>

6099

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (100)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6884

Phe	Ala	Lys	Met	Thr	Asn	Thr	Lys	Gly	Lys	Arg	Arg	Gly	Thr	Arg	Tyr
1				5				10					15		

Met	Phe	Ser	Arg	Pro	Phe	Xaa	Lys	His	Gly	Val	Val	Pro	Leu	Ala	Thr
			20					25					30		

Tyr	Met	Arg	Ile	Tyr	Lys	Lys	Gly	Asp	Ile	Val	His	Ile	Lys	Gly	Met
			35				40						45		

6100

Gly Thr Val Xaa Lys Gly Met Pro His Lys Cys Tyr His Gly Ile Thr
 50 55 60

Gly Xaa Val Tyr Xaa Val Thr Xaa Xaa Ala Val Gly Ile Val Val Asn
 65 70 75 80

Lys Gln Val Xaa Gly Lys Ile Leu Ala Lys Arg Ile Asn Val Arg Ile
 85 90 95

Glu His Ile Xaa His Ser
 100

<210> 6885

<211> 155

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6885

Xaa Pro Lys Ala Lys Lys Glu Ala Pro Ala Pro Pro Lys Ala Glu Ala
 1 5 10 15

Lys Ala Lys Ala Leu Lys Ala Lys Lys Ala Val Leu Lys Gly Val His
 20 25 30

Ser His Lys Lys Lys Lys Ile Arg Thr Ser Pro Thr Phe Arg Arg Pro
 35 40 45

Lys Thr Leu Arg Leu Arg Arg Gln Pro Lys Tyr Pro Arg Lys Ser Ala
 50 55 60

Pro Arg Arg Asn Lys Leu Asp His Tyr Ala Ile Ile Lys Phe Pro Leu
 65 70 75 80

Thr Thr Glu Ser Ala Met Lys Lys Ile Glu Asp Asn Asn Thr Leu Val
 85 90 95

Phe Ile Val Asp Val Lys Ala Asn Lys His Gln Ile Lys Gln Ala Val
 100 105 110

Lys Lys Leu Tyr Asp Ile Asp Val Ala Lys Val Asn Thr Leu Ile Arg
 115 120 125

Pro Asp Gly Glu Lys Lys Ala Tyr Val Arg Leu Ala Pro Asp Tyr Asp

6101

130

135

140

Ala Leu Asp Val Ala Asn Lys Ile Gly Ile Ile
 145 150 155

<210> 6886

<211> 37

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (18)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6886

Asn Leu Gly Xaa Trp Cys Leu Ser Trp Leu Gly Arg Tyr Ser Gly Arg
 1 5 10 15

Lys Xaa Val Ile Val Lys Xaa Xaa Asp Asp Gly Thr Ser Xaa Arg Pro
 20 25 30

Tyr Ser His Ala Leu
 35

<210> 6887

<211> 143

6102

<212> PRT

<213> Homo sapiens

<220>

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<222> (10)

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<220>

<221> SITE

<222> (136)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (138)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (140)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6887

Met	Ile	Thr	Pro	Phe	Leu	Ile	Arg	Leu	Xaa	Ile	Gly	Lys	Ala	Gly	Thr
1				5					10					15	

Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr	Arg	Pro	Val
			20					25					30		

Ala	Ala	Ala	Glu	Gly	Ala	Ala	Ala	Met	Ser	Ala	His	Leu	Gln	Trp	Met
		35					40					45			

Val	Val	Arg	Asn	Cys	Ser	Ser	Phe	Leu	Ile	Lys	Arg	Asn	Lys	Gln	Thr
	50					55					60				

Tyr	Ser	Thr	Glu	Pro	Asn	Asn	Leu	Lys	Ala	Arg	Asn	Ser	Phe	Arg	Tyr
65					70					75				80	

Asn	Gly	Leu	Ile	His	Arg	Lys	Thr	Val	Gly	Trp	Ser	Arg	Gln	Pro	Thr
			85						90					95	

Gln	Ser	Ser	Gly	Gly	Ser	Leu	Thr	Glu	Ser	Gly	Thr	Glu	Pro	Ala	Thr
			100					105					110		

Pro	Met	Cys	Asp	Thr	Ser	Thr	Asp	Val	Arg	Pro	Ser	His	Ser	Thr	Tyr
		115					120					125			

Pro	Lys	His	Thr	Pro	Leu	Pro	Xaa	His	Xaa	Ala	Xaa	Ser	Pro	Gln	
	130					135					140				

6103

<210> 6888

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (34)

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<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

6104

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6888

His	Glu	Arg	Lys	Glu	Gly	Xaa	Arg	Xaa	Xaa	Xaa	Arg	Xaa	Phe	Xaa	His
1				5					10					15	

Gln	Arg	Met	Ile	Thr	Arg	Glu	Tyr	Xaa	Ile	Asn	Ile	His	Asn	Arg	Ile
			20					25					30		

His	Xaa	Val	Gly	Phe	Lys	Xaa	Arg	Ala	Pro	Arg	Ala	Leu	Xaa
		35					40					45	

<210> 6889

<211> 159

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6889

Xaa	Xaa	Thr	Xaa	Thr	Leu	Thr	Lys	Gly	Asn	Lys	Ser	Trp	Ser	Ser	Thr
1				5					10					15	

Ala	Val	Ala	Ala	Ala	Leu	Glu	Leu	Val	Asp	Pro	Pro	Gly	Cys	Arg	Asn
			20					25					30		

Ser	Ala	Arg	Gly	Cys	Leu	Gln	Ala	Leu	Arg	Met	Val	Gln	Arg	Leu	Thr
		35					40					45			

Tyr	Arg	Arg	Arg	Leu	Ser	Tyr	Asn	Thr	Ala	Ser	Asn	Lys	Thr	Arg	Leu
				50			55					60			

6105

Ser Arg Thr Pro Gly Asn Arg Ile Val Tyr Leu Tyr Thr Lys Lys Val
 65 70 75 80
 Gly Lys Ala Pro Lys Ser Ala Cys Gly Val Cys Pro Gly Arg Leu Arg
 85 90 95
 Gly Val Arg Ala Val Arg Pro Lys Val Leu Met Arg Leu Ser Lys Thr
 100 105 110
 Lys Lys His Val Ser Arg Ala Tyr Gly Gly Ser Met Cys Ala Lys Cys
 115 120 125
 Val Arg Asp Arg Ile Lys Arg Ala Phe Leu Ile Glu Glu Gln Lys Ile
 130 135 140
 Val Val Lys Val Leu Lys Ala Gln Ala Gln Ser Gln Lys Ala Lys
 145 150 155

<210> 6890

<211> 65

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6890

Cys Thr Ala Thr Leu Gly Xaa Phe Ala Lys Ala Thr Phe Asp Ala Ile
 1 5 10 15
 Ser Lys Thr Tyr Ser Tyr Leu Thr Pro Asp Leu Trp Lys Glu Thr Val
 20 25 30
 Phe Thr Lys Ser Pro Tyr Gln Glu Phe Thr Asp His Leu Val Xaa Thr
 35 40 45
 His Thr Arg Val Ser Val Gln Arg Thr Gln Ala Pro Ala Val Ala Thr
 50 55 60
 Thr
 65

6106

<210> 6891

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6891

Val	Xaa	Ala	Ser	Lys	Met	Thr	Lys	Lys	Arg	Arg	Asn	Asn	Gly	Arg	Ala
1				5					10					15	

Lys	Lys	Gly	Arg	Gly	His	Val	Gln	Pro	Ile	Arg	Cys	Thr	Asn	Cys	Ala
			20					25					30		

Arg	Cys	Val	Pro	Lys	Asp	Lys	Ala	Ile	Lys	Lys	Phe	Val	Ile	Arg	Asn
		35					40					45			

Ile	Val	Glu	Ala	Ala	Ala	Val	Arg	Asp	Ile	Ser	Glu	Ala	Ser	Val	Phe
	50					55					60				

Asp	Ala	Tyr	Val	Leu	Pro	Lys	Leu	Tyr	Val	Lys	Leu	His	Tyr	Cys	Val
65					70					75				80	

Ser	Cys	Ala	Ile	His	Ser	Lys	Val	Val	Arg	Asn	Arg	Ser	Arg	Glu	Ala
				85					90					95	

Arg	Lys	Asp	Arg	Thr	Pro	Pro	Pro	Arg	Phe	Arg	Pro	Ala	Gly	Ala	Ala
			100					105					110		

Pro	Arg	Pro	Pro	Pro	Lys	Pro	Met
		115				120	

<210> 6892

<211> 80

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6107

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6892

Gly	His	His	Gln	Leu	Xaa	Trp	Asn	His	Pro	Arg	Xaa	Tyr	Gly	His	Gly
1				5					10					15	

Xaa	Arg	Ser	Cys	Arg	Val	Cys	Ser	Asn	Arg	His	Gly	Leu	Ile	Arg	Lys
			20					25					30		

Tyr	Gly	Leu	Asn	Met	Cys	Arg	Gln	Cys	Phe	Arg	Gln	Tyr	Ala	Lys	Asp
		35					40					45			

Ile	Gly	Phe	Ile	Lys	Leu	Asp	Xaa	Met	Leu	Phe	Leu	His	Arg	Ile	Ile
	50					55					60				

Arg	Gly	Ile	Tyr	Ser	Met	Lys	Asn	His	Asp	Asn	Ser	Leu	Tyr	Ile	Lys
65					70					75					80

<210> 6893

<211> 85

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6893

Ala	Ser	Glu	Ala	Phe	Ser	Cys	Phe	Lys	Met	Lys	Leu	Asn	Ile	Ser	Phe
1				5					10					15	

Pro	Ala	Thr	Gly	Cys	Gln	Lys	Leu	Ile	Glu	Val	Asp	Asp	Glu	Arg	Lys
			20					25					30		

6108

Leu Arg Thr Phe Tyr Glu Lys Arg Met Ala Thr Glu Val Ala Ala Asp
 35 40 45
 Ala Leu Gly Glu Glu Trp Lys Gly Tyr Val Val Arg Ile Xaa Gly Gly
 50 55 60
 Asn Asp Lys Gln Gly Phe Pro Met Lys Gln Gly Val Leu Thr His Gly
 65 70 75 80
 Arg Val Arg Cys Tyr
 85

<210> 6894

<211> 98

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6894

Phe Gly Arg Gly His Arg Thr Gln Lys Glu Ile Glu Gln Glu Ala Ala
 1 5 10 15
 Val Glu Leu Ser Gln Leu Arg Asp Pro Gln His Asp Leu Asp Arg Val
 20 25 30
 Lys Lys Pro Glu Trp Val Ile Leu Ile Gly Val Cys Thr Xaa Ser Trp
 35 40 45
 Ala Val Tyr Pro Leu Ala Asn Ala Gly Arg Ile Leu Val Val Ile Thr
 50 55 60
 Ala Leu Ala Met Gly His Thr Tyr Asp Ala Ser Gly Gln Asp Pro Asp
 65 70 75 80
 Trp Val Leu Leu Leu Phe Asn Leu Glu Val Pro His Gly Ile Glu Phe
 85 90 95
 His Gln

<210> 6895

<211> 40

<212> PRT

6109

<213> Homo sapiens

<400> 6895

```

Ser Ser Gly Leu Ser Ser Ala Ser Leu Ser Val Lys Ala Ile Lys Glu
 1             5             10             15

Ala Ile Asp Tyr Leu Thr Val Glu Gly His Ile Tyr Pro Thr Val Asp
                20             25             30

Arg Glu His Phe Lys Ser Ala Asp
        35             40

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<210> 6896

<211> 104

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6896

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Ala Gln Ala Ser Arg Ser Arg Trp Glu Leu Pro Pro Gly Ala Val Thr
 1             5             10             15

Met Thr Gly Glu Leu Glu Val Lys Asn Met Asp Met Lys Pro Gly Ser
                20             25             30

Thr Leu Lys Ile Thr Gly Xaa Ile Ala Asp Gly Thr Asp Gly Phe Val
        35             40             45

Ile Asn Leu Gly Gln Gly Thr Asp Lys Leu Asn Leu His Phe Asn Pro
        50             55             60

Arg Phe Ser Glu Ser Thr Ile Val Cys Asn Ser Leu Asp Gly Ser Asn
        65             70             75             80

Trp Gly Gln Glu Gln Arg Glu Asp His Leu Cys Phe Ser Pro Arg Ser
                85             90             95

Glu Val Lys Phe Thr Val Thr Phe
        100

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<210> 6897

<211> 91

<212> PRT

6110

<213> Homo sapiens

<220>

<221> SITE

<222> (86)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6897

Arg Gln Phe Met Gly Met Ile Ile Asp Val Phe Ser Arg Tyr Ser Gly
1 5 10 15

Ser Glu Gly Ser Thr Gln Thr Leu Thr Lys Gly Glu Leu Lys Val Leu
20 25 30

Met Glu Lys Glu Leu Pro Gly Phe Leu Gln Ser Gly Lys Asp Lys Asp
35 40 45

Ala Val Asp Lys Leu Leu Lys Asp Leu Asp Ala Asn Gly Asp Ala Gln
50 55 60

Val Asp Phe Ser Glu Phe Ile Val Phe Val Ala Ala Ile Thr Ser Ala
65 70 75 80

Cys His Lys Tyr Phe Xaa Lys Ala Gly Leu Lys
85 90

<210> 6898

<211> 158

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (27)

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<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (91)

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<221> SITE

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6111

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<220>

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<400> 6898

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 1 5 10 15

Gly Lys Pro Ser Pro Ala Phe Asp Val Lys Xaa Val Asp Val Asn Gly
 20 25 30

Asn Val Leu Pro Pro Gly Gln Glu Gly Asp Ile Gly Ile Gln Val Leu
 35 40 45

Pro Asn Arg Pro Phe Gly Leu Phe Thr His Tyr Val Asp Asn Pro Ser
 50 55 60

Lys Thr Ala Ser Thr Leu Arg Gly Asn Ser Ile Ser Leu Gly Thr Glu
 65 70 75 80

Asp Ile Trp Ile Lys Met Gly Ile Ser Xaa Xaa Phe Ala Xaa Ala Asp
 85 90 95

Val Gly Xaa Tyr Xaa Leu Val Xaa Asp Leu Ala Pro Leu Gly Gly Lys
 100 105 110

Ser Pro Ile Xaa Thr Pro Xaa Phe Arg Val Pro Phe Phe Lys Xaa Pro
 115 120 125

Thr Pro Ser Arg Gly Xaa Val Lys Val Xaa Gly Phe Lys Thr Xaa Phe
 130 135 140

Xaa Xaa Xaa Phe Arg Ala Pro Phe Lys Gly Phe Arg Gly Phe
 145 150 155

<210> 6899

<211> 109

<212> PRT

<213> Homo sapiens

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<400> 6899

Val	Lys	Phe	Xaa	Val	Ala	Glu	Gly	Lys	Gln	Xaa	Glu	Ile	Gln	His	Lys
1				5				10					15		

Gly	Gln	Ala	Glu	Lys	Lys	Glu	Leu	Gln	His	Lys	Ile	Asp	Glu	Met	Glu
			20					25					30		

Glu	Lys	Glu	Gln	Glu	Leu	Gln	Ala	Lys	Ile	Glu	Ala	Leu	Gln	Ala	Asp
			35					40					45		

Asn	Asp	Phe	Thr	Asn	Glu	Arg	Leu	Thr	Ala	Leu	Gln	Glu	Lys	Leu	Thr
			50				55				60				

Val	Glu	Xaa	His	Xaa	Thr	Lys	Ala	Val	Glu	Glu	Thr	Lys	Leu	Ser	Lys
						70					75				80

Glu	Asn	Xaa	Thr	Xaa	Xaa	Lys	Glu	Ser	Asp	Phe	Ser	Asp	Thr	Leu	Xaa
						85				90				95	

Pro	Xaa	Lys	Glu	Asn	Xaa	Lys	Xaa	Arg	Ala	Val	Ala	Leu
			100					105				

<210> 6900

<211> 92

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<213> Homo sapiens

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<400> 6900

Tyr Phe Xaa Xaa Trp Ser Ala Cys Arg Tyr Arg Ser Gly Ile Pro Gly
 1 5 10 15

Ser Ile Xaa Arg Val Leu Glu Met Thr Pro Gln Gln Gly Asp Val Tyr
 20 25 30

Xaa Xaa Gln Val Glu His Thr Ser Leu Asp Ser Pro Val Thr Val Glu
 35 40 45

Trp Lys Ala Gln Ser Asp Ser Ala Arg Ser Lys Thr Leu Thr Gly Ala
 50 55 60

Gly Gly Phe Val Leu Gly Leu Ile Ile Cys Gly Val Gly Xaa Phe Met
 65 70 75 80

His Arg Arg Asn Lys Lys Val Gln Arg Gly Ser Ala
 85 90

<210> 6901

<211> 31

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<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6901

Ile Arg Xaa Arg Asn Arg Gly Cys Cys Phe Asp Ser Arg Ile Pro Gly
 1 5 10 15

Xaa Pro Trp Cys Phe Lys Pro Leu Gln Glu Ala Glu Cys Thr Phe

6116

20

25

30

<210> 6902

<211> 55

<212> PRT

<213> Homo sapiens

<400> 6902

Gly Thr Ala Thr Gln Gly Leu Ser Pro Val His Thr Pro Gly Asp Gly

1

5

10

15

Arg Leu His Lys Ala Val Ser Val Gly Pro Arg Val His Ile Ile Glu

20

25

30

Glu Leu Gln Ile Phe Ser Ser Gly Gln Pro Val Ala Glu Ser Ala Pro

35

40

45

Gly Thr Pro Thr Gly Gly Leu

50

55

<210> 6903

<211> 134

<212> PRT

<213> Homo sapiens

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<400> 6903

Gly	Tyr	Gln	Pro	Glu	Asn	Pro	Tyr	Pro	Ala	Gln	Pro	Thr	Val	Val	Pro
1				5				10					15		

Thr	Val	Tyr	Xaa	Val	His	Pro	Ala	Gln	Tyr	Tyr	Pro	Ser	Pro	Val	Pro
			20					25					30		

Gln	Tyr	Xaa	Pro	Arg	Val	Leu	Thr	Gln	Ala	Ser	Asn	Pro	Val	Val	Cys
		35					40				45				

Thr	Gln	Ala	Lys	Ser	Pro	Ser	Gly	Thr	Val	Cys	Thr	Ser	Lys	Thr	Lys
	50					55					60				

Lys	Ala	Leu	Cys	Ile	Thr	Leu	Thr	Trp	Gly	Leu	Pro	Pro	Gly	Asn	Cys
65					70					75					80

Ala	Gly	Arg	Trp	Pro	Thr	Leu	Glu	Ile	His	Gly	Gln	Gln	Met	Leu	Gln
				85					90					95	

Leu	Trp	Asp	Arg	Met	Arg	Ile	Leu	Lys	Phe	Cys	Ile	Asn	Pro	Xaa	Thr
			100					105					110		

Gly	Val	Ile	Ala	Xaa	Gln	Leu	Pro	Xaa	Gly	Glu	Glu	Lys	Asn	Xaa	Cys
		115					120					125			

Ser	Xaa	Phe	Gln	Thr	Ser
					130

<210> 6904

<211> 51

<212> PRT

<213> Homo sapiens

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6118

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<400> 6904

Pro	Gln	Xaa	Ser	Leu	Xaa	Gly	Thr	Pro	Thr	Glu	Glu	Thr	Trp	Pro	Gly
1				5					10					15	

Val	Thr	Arg	Ile	Ser	Glu	Xaa	Arg	Thr	Tyr	Ser	Phe	Pro	Cys	Tyr	Leu
			20					25					30		

Pro	Gln	Pro	Ala	His	Gln	Pro	Arg	Arg	Pro	Gly	Xaa	Ile	Arg	Met	Ala
		35					40					45			

Ser	Thr	Ser
	50	

<210> 6905

<211> 89

<212> PRT

<213> Homo sapiens

<400> 6905

His	Gly	Asn	Val	Pro	Leu	His	Tyr	Ala	Cys	Phe	Trp	Gly	Gln	Asp	Gln
1				5					10				15		

Val	Ala	Glu	Asp	Leu	Val	Ala	Asn	Gly	Ala	Leu	Val	Ser	Ile	Cys	Asn
			20					25					30		

Lys	Tyr	Gly	Glu	Met	Pro	Val	Asp	Lys	Ala	Lys	Ala	Pro	Leu	Arg	Glu
		35					40					45			

Leu	Leu	Arg	Glu	Arg	Ala	Glu	Lys	Met	Gly	Gln	Asn	Leu	Asn	Arg	Ile
	50						55				60				

Pro	Tyr	Lys	Asp	Thr	Phe	Trp	Lys	Gly	Thr	Thr	Arg	Thr	Arg	Pro	Arg
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6119

65

70

75

80

Glu Ser Pro Leu Trp Glu Glu Gly Leu
85

<210> 6906

<211> 111

<212> PRT

<213> Homo sapiens

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<400> 6906

Cys Ser Xaa Thr Ile Gly Glu Lys Xaa Xaa Gln Lys Glu Pro Xaa Gly
 1 5 10 15

Xaa Asp Xaa Ser Val Pro Glu Asn Val Leu Ser Xaa Asp Asp Leu Thr
 20 25 30

Ala Asp Ala Leu Ala Asn Leu Xaa Xaa Pro Gln Ile Lys Lys Val Arg
 35 40 45

Leu Leu Ile Asp Glu Ala Ile Leu Lys Cys Asp Ala Glu Gly Xaa Lys
 50 55 60

Leu Glu Ala Glu Arg Phe Glu Asn Leu Arg Glu Ile Gly Asn Leu Leu
 65 70 75 80

His Pro Ser Val Pro Ile Ser Asn Asp Glu Val Gly Gly Cys Ala Ala
 85 90 95

Ala Gly Gly Cys Leu Arg Ser Leu Leu Ser Leu Gln Gly Arg Gly
 100 105 110

<210> 6907

<211> 38

<212> PRT

<213> Homo sapiens

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<400> 6907

Cys Val Ala Gly Xaa Asp Glu Gln Ser Thr Gln Met Ala Ala Arg Xaa
 1 5 10 15

Glu Asp Asp Lys Val Thr Glu Ala Ser Ser Asn Arg Xaa Ala Ala Ile
 20 25 30

Lys Ile Xaa Thr Lys Ser
 35

<210> 6908

<211> 137

<212> PRT

<213> Homo sapiens

<400> 6908

Leu Gln Val Pro Val Arg Asn Ser Arg Val Asp Pro Arg Val Arg Arg
 1 5 10 15

Ser Pro Ala Lys Thr Ile Ala Pro Gln Asn Ala Pro Arg Asp Glu Ser
 20 25 30

Arg Gly Arg Ser Ser Phe Tyr Pro Asp Gly Gly Asp Gln Glu Thr Ala
 35 40 45

Lys Thr Gly Lys Phe Leu Lys Arg Phe Thr Asp Glu Glu Ser Arg Val
 50 55 60

Phe Leu Leu Asp Arg Gly Asn Thr Arg Asp Lys Glu Ala Ser Lys Glu
 65 70 75 80

Lys Gly Ser Glu Lys Gly Arg Ala Glu Gly Glu Trp Glu Asp Gln Glu
 85 90 95

Ala Leu Asp Tyr Phe Ser Asp Lys Glu Ser Gly Lys Gln Lys Phe Asn
 100 105 110

Asp Ser Glu Gly Asp Asp Thr Glu Glu Thr Glu Asp Tyr Arg Gln Phe
 115 120 125

6123

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<400> 6910

Xaa	Thr	Xaa	Xaa	Ser	Cys	Arg	Tyr	Leu	Gly	Gln	Glu	Xaa	Pro	Gly	Arg
1				5					10					15	

Pro	Thr	Arg	Pro	Met	Ala	Glu	Tyr	Asp	Leu	Thr	Thr	Xaa	Ile	Ala	His
			20					25					30		

Phe	Leu	Asp	Arg	His	Leu	Val	Phe	Pro	Leu	Leu	Glu	Phe	Leu	Ser	Val
		35					40					45			

Lys	Glu	Ile	Tyr	Asn	Glu	Lys	Glu	Leu	Leu	Gln	Gly	Lys	Leu	Asp	Leu
	50					55					60				

Leu	Ser	Asp	Thr	Asn	Met	Val	Asp	Phe	Ala	Met	Asp	Val	Tyr	Lys	Asn
65					70					75					80

Leu	Tyr	Ser	Asp	Asp	Ile	Pro	His	Ala	Leu	Arg	Glu	Lys	Arg	Thr	Thr
				85					90					95	

Val	Val	Ala	Gln	Leu	Lys	Gln	Ala	Ser	Gly	Xaa	Asn	Gln	Asn	Gln	Leu
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6124

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105

110

<210> 6911

<211> 114

<212> PRT

<213> Homo sapiens

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<400> 6911

Asn	Tyr	Glu	Thr	Ile	Glu	Gln	Lys	Lys	Ala	Tyr	Glu	Ile	Ala	Gly	Leu
1				5					10					15	

Leu	Gly	Asp	Ile	Gly	Gly	Gln	Met	Gly	Leu	Phe	Ile	Gly	Ala	Ser	Ile
			20					25					30		

Leu	Thr	Val	Leu	Glu	Leu	Phe	Asp	Tyr	Ala	Tyr	Glu	Val	Ile	Lys	His
		35					40					45			

Lys	Leu	Cys	Arg	Arg	Gly	Lys	Cys	Gln	Lys	Glu	Ala	Lys	Arg	Ser	Ser
		50				55					60				

Ala	Asp	Lys	Gly	Val	Ala	Leu	Thr	Trp	Thr	Thr	Ser	Lys	Asp	Thr	Thr
	65					70				75					80

Arg	Cys	Glu	Asn	Leu	Arg	Gly	His	Pro	Ala	Gly	Met	Thr	Tyr	Ala	Trp
				85					90						95

6125

Gln His Ser Thr Leu Xaa Ile Arg Ala Glu Gly Leu Xaa Arg Xaa Leu
 100 105 110

Leu Xaa

<210> 6912

<211> 81

<212> PRT

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<400> 6912

Tyr Tyr Asn Gly Ala Ala Val Ile Xaa His Glu Arg Val Gln Lys Thr
 1 5 10 15

6126

Phe Pro His Pro Ile Asp Lys Trp Ala Xaa Ala Asp Ala Gln Ser Ala
 20 25 30

Ile Glu Lys Gln Lys Arg Arg Asn Pro Leu Leu Leu Pro Val Asp Xaa
 35 40 45

Ile His Pro Ser Xaa Xaa Glu Leu Leu Gly Tyr Lys Met Arg Leu Pro
 50 55 60

Cys Ile Pro Ile Xaa Cys Gly Cys Thr Thr Xaa Tyr Leu Ser Leu Ile
 65 70 75 80

Phe

<210> 6913

<211> 50

<212> PRT

<213> Homo sapiens

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<400> 6913

Xaa Ser Gly Tyr Tyr Pro Gly Gly Tyr Xaa Gly Ala Pro Gly Trp Pro
 1 5 10 15

6127

Ala Phe Pro Arg His Pro Leu Asp Pro Leu Phe Gly Xaa Phe Ala Ala
 20 25 30

Val Ala Gly Gln Asp Gly Pro Ile Asp Ala Asp Glu Phe Leu Xaa Cys
 35 40 45

Xaa Thr
 50

<210> 6914

<211> 125

<212> PRT

<213> Homo sapiens

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6128

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<400> 6914

Arg	Gly	Cys	Leu	Gly	Leu	Gly	Cys	Pro	Leu	His	Leu	His	Val	Phe	Ala
1				5					10					15	

Xaa	Val	Ser	Ala	Met	Leu	Pro	Leu	Leu	Arg	Cys	Val	Pro	Arg	Val	Leu
			20					25					30		

Gly	Ser	Ser	Val	Ala	Gly	Leu	Arg	Ala	Ala	Ala	Pro	Ala	Ser	Pro	Phe
			35				40					45			

Arg	Gln	Leu	Leu	Gln	Pro	Ala	Pro	Arg	Leu	Cys	Thr	Arg	Pro	Phe	Gly
	50					55					60				

Leu	Leu	Ser	Val	Arg	Ala	Gly	Ser	Glu	Arg	Xaa	Pro	Gly	Leu	Xaa	Arg
65					70					75					80

Xaa	Arg	Gly	Pro	Cys	Ala	Xaa	Gly	Cys	Gly	Cys	Gly	Ser	Leu	Xaa	Thr
				85					90					95	

Xaa	Gly	Asp	Lys	Ala	Phe	Val	Asp	Tyr	Leu	Ser	Asp	Glu	Ile	Xaa	Glu
			100					105					110		

Glu	Arg	Lys	Ile	Xaa	Lys	His	Lys	Thr	Leu	Pro	Lys	Met
		115					120					125

<210> 6915

<211> 124

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (115)

6129

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6915

Glu	Lys	Leu	Ile	Xaa	Pro	Arg	Thr	Lys	Ala	Ile	Ile	Pro	Val	Asp	Ile
1				5				10					15		

Gly	Gly	Phe	Pro	Ala	Asp	Tyr	Ser	Glu	Ile	Leu	Asp	Leu	Val	Glu	Arg
			20					25				30			

Lys	Lys	Asp	Ile	Phe	Asn	Pro	Lys	Lys	Gly	Thr	Tyr	Gln	Glu	Lys	Leu
		35					40					45			

Gly	Arg	Ile	Leu	Val	Leu	Ala	Asp	Ser	Ala	His	Ser	Phe	Gly	Ser	Ser
	50					55				60					

Tyr	Lys	Gly	Lys	Lys	Ile	Gly	Ser	Val	Ala	Asp	Val	Thr	Ser	Phe	Ser
65					70				75						80

Phe	His	Ala	Ile	Lys	Asn	Leu	Thr	Thr	Ala	Glu	Gly	Gly	Ala	Leu	Thr
				85					90					95	

Trp	Asn	Leu	Pro	Asn	Asn	Phe	Asp	Asn	Glu	Gln	Ile	Tyr	Lys	Glu	Leu
			100					105					110		

Met	Leu	Xaa	Ala	Leu	His	Gly	Lys	Ile	Arg	Met	His
		115					120				

<210> 6916

<211> 123

<212> PRT

<213> Homo sapiens

<220>

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<222> (83)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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6130

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6916

Met Phe His Phe Ser Lys Leu Asp Leu Glu Thr Leu Ile Ile Phe Leu
1 5 10 15

Ile Trp Lys Arg Gln Pro Lys Lys Cys Thr Ser Ala Tyr Pro Leu Gln
20 25 30

Pro Glu Asp Val Asn Leu Arg Val Ile Ser Glu Tyr Gln Lys Leu Phe
35 40 45

Pro Asp Ile Pro Ile Gly Tyr Ser Gly His Glu Thr Gly Ile Ala Ile
50 55 60

Ser Val Ala Ala Val Ala Leu Gly Ala Lys Val Leu Glu Arg His Ile
65 70 75 80

Thr Leu Xaa Lys Thr Trp Xaa Gly Ser Asp His Ser Asp Ser Leu Glu
85 90 95

Pro Gly Glu Leu Gly Glu Ala Gly Ala Val Ser Ala Ser Cys Xaa Xaa
100 105 110

Val Pro Trp Ala Pro Gln Ala Lys Xaa Leu Thr
115 120

<210> 6917

<211> 54

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6131

<221> SITE
<222> (52)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (53)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (54)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6917
Gly Ser Leu Gln Ser Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr
1 5 10 15
Ser Leu Trp Tyr Thr Phe Gly Gln Gly Thr Asn Leu Glu Ile Lys Arg
20 25 30
Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Lys Thr
35 40 45
Ile Xaa Xaa Xaa Xaa Xaa
50

<210> 6918
<211> 102
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (43)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (73)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE

6132

<222> (80)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (89)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (95)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (101)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6918

Ser	Ser	Asp	Ile	Met	Glu	Ser	Gly	Lys	Thr	Ala	Ser	Pro	Lys	Ser	Met
1				5				10					15		

Pro	Lys	Asp	Ala	Gln	Xaa	Met	Ala	Gln	Ile	Leu	Lys	Asp	Met	Gly	Ile
			20					25					30		

Thr	Glu	Tyr	Glu	Pro	Arg	Val	Ile	Asn	Gln	Xaa	Leu	Glu	Phe	Ala	Phe
		35					40					45			

Arg	Tyr	Val	Thr	Thr	Ile	Leu	Asp	Asp	Ala	Lys	Ile	Tyr	Ser	Ser	His
		50				55					60				

Ala	Lys	Lys	Thr	Ser	Val	Asp	Ala	Xaa	Tyr	Val	Arg	Trp	His	Pro	Xaa
65					70				75					80	

Pro	Pro	Asp	His	Leu	Leu	Leu	Ser	Xaa	Pro	Lys	Ile	Phe	Leu	Xaa	Leu
				85					90					95	

Gln	Ala	Lys	Ser	Xaa	Leu
					100

<210> 6919

<211> 73

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

6133

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (63)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6919

Val	Met	Ser	His	Arg	Lys	Phe	Ser	Ala	Pro	Arg	His	Gly	Ser	Leu	Gly
1					5				10					15	

Phe	Leu	Pro	Arg	Lys	Arg	Ser	Ser	Arg	His	Arg	Gly	Lys	Val	Lys	Ser
			20					25					30		

Phe	Pro	Lys	Asp	Asp	Pro	Ser	Lys	Pro	Val	His	Leu	Thr	Ala	Phe	Leu
		35					40					45			

Gly	Tyr	Lys	Ala	Gly	Met	Thr	His	Ile	Xaa	Arg	Glu	Phe	Xaa	Xaa	Ala
	50					55					60				

Gly	Ser	Lys	Val	Asn	Lys	Arg	Val	Val
65					70			

<210> 6920

<211> 117

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6134

<222> (109)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (111)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (113)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (114)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (116)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6920

Ser	Leu	Gln	Arg	Pro	Thr	Xaa	Asn	Xaa	Xaa	Leu	Arg	Thr	Ile	Val	Lys
1				5				10						15	

Ala	Gly	Thr	Pro	Ala	Gly	Thr	Gly	Pro	Glu	Phe	Pro	Gly	Arg	Pro	Thr
			20				25					30			

Arg	Pro	Trp	Thr	Ala	Asp	Glu	Gly	Val	Phe	Asp	Asn	Phe	Val	Leu	Lys
		35					40				45				

Ile	Arg	Asp	Thr	Lys	Lys	Gln	Ser	Glu	Pro	Leu	Glu	Ile	Thr	Leu	Leu
		50				55				60					

Ala	Pro	Glu	Arg	Thr	Arg	Asp	Ile	Thr	Gly	Leu	Arg	Glu	Ala	Thr	Glu
		65			70					75					80

Tyr	Glu	Ile	Glu	Leu	Tyr	Gly	Ile	Ser	Lys	Gly	Arg	Arg	Ser	Gln	Thr
				85					90					95	

Val	Cys	Ser	Leu	Leu	Phe	Ile	Tyr	Ser	Ile	Cys	Cys	Xaa	Tyr	Xaa	Thr
			100					105					110		

Xaa	Xaa	Phe	Xaa	Ile
				115

<210> 6921

6135

<211> 131
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (1)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (5)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (8)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (23)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (52)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (71)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (75)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (88)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (90)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE

6136

<222> (99)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (102)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (117)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (125)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (131)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6921

Xaa	Ser	Gly	Leu	Xaa	Ile	Gly	Xaa	Ala	Gly	Thr	Pro	Ala	Gly	Thr	Gly
1				5					10					15	

Pro	Glu	Phe	Pro	Gly	Arg	Xaa	Thr	Arg	Pro	Arg	Thr	Arg	Gly	Pro	Ser
			20					25					30		

Leu	Gly	Arg	His	Pro	Gly	Ala	His	Gln	Gly	Asn	Leu	Ala	Phe	Gly	Leu
		35					40					45			

His	Ser	Asn	Xaa	Ile	Ala	Ser	Pro	Gly	Ser	Pro	Ser	Leu	Gly	Arg	His
		50					55				60				

Leu	Gly	Gly	Thr	Gly	Ser	Xaa	Val	Pro	Gly	Xaa	Pro	Cys	Leu	Asp	Arg
	65					70				75					80

His	Val	Ala	Tyr	Gly	Gly	Tyr	Xaa	Thr	Xaa	Glu	Asp	Arg	Arg	Pro	Thr
				85					90					95	

Leu	Ser	Xaa	Lys	Ser	Xaa	Ala	Tyr	Gly	Tyr	Gln	Ala	Pro	Ser	Thr	Pro
			100					105					110		

Ser	Leu	Pro	Val	Xaa	Pro	Ala	Tyr	Tyr	Pro	Gly	Leu	Xaa	Ser	Pro	Asp
		115					120					125			

Thr	Tyr	Xaa
		130

6137

<210> 6922

<211> 53

<212> PRT

<213> Homo sapiens

<400> 6922

Val	Glu	Ala	Thr	Cys	Ala	Cys	Leu	Leu	Ala	Gln	Gly	Glu	Glu	Ala	Glu
1				5					10					15	

Lys	Glu	His	Cys	Ser	Lys	Cys	Leu	Ala	Glu	Gln	Met	Ile	Leu	Glu	Glu
			20					25						30	

Phe	Gly	Arg	Cys	Leu	Ser	Gln	Ile	Leu	His	Thr	Glu	Phe	Lys	Ser	Lys
			35				40						45		

Gly	Leu	Lys	Met	Glu
			50	

<210> 6923

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6923

Ile	Val	Thr	Val	Gly	Gly	Glu	Glu	Arg	Val	Ser	Arg	Lys	Pro	Thr	Ala
1				5					10					15	

Ala	Met	Arg	Cys	Met	Cys	Pro	Leu	Tyr	Asp	Pro	Asn	Arg	Gln	Leu	Trp
			20					25					30		

Xaa	Glu	Leu	Ala	Pro	Leu	Ser	Met	Pro	Arg	Ile	Asn	His	Gly	Val	Leu
			35				40					45			

Ser	Ala	Glu	Gly	Phe	Leu	Phe	Val	Phe	Gly	Gly	Gln	Asp	Glu	Asn	Lys
		50				55					60				

Gln	Thr	Leu	Ser	Ser	Gly	Glu	Lys	Tyr	Asp	Pro	Asp	Ala	Asn	Thr	Trp
65					70					75					80

Thr	Ala	Leu	Pro	Pro	Met	Asn	Glu	Ala	Arg	His	Asn	Phe	Gly	Ile	Val
					85				90					95	

6138

Glu Ile Asp Gly Met Leu Tyr Ile Leu Gly Gly Glu Asp Gly Glu Lys
100 105 110

Glu Leu Ile Ser Met Glu Cys Tyr
115 120

<210> 6924

<211> 43

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6924

Ser Arg Ser Pro Glu Leu Arg Thr Ala Cys Leu Gln Pro Ser Ser Ile
1 5 10 15

Glu Ile Leu Glu Tyr Ser Ser Asp Ser Glu Lys Glu Asp Asp Leu Glu
20 25 30

Asn Val Leu Leu Ile Xaa Ser Glu Pro Pro His
35 40

<210> 6925

<211> 126

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (107)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (118)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (121)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6925

6139

Pro Thr Ser Asp Pro Pro Leu Gly Ser Ser Pro Leu Gly Arg Arg Phe
 1 5 10 15
 Arg Val Leu Ser Ser Leu Arg Arg Ser Pro Met Phe Glu Glu Lys Ala
 20 25 30
 Ser Ser Pro Ser Gly Lys Met Gly Gly Glu Glu Lys Pro Ile Gly Ala
 35 40 45
 Gly Glu Glu Lys Gln Lys Glu Gly Gly Lys Lys Lys Asn Lys Glu Gly
 50 55 60
 Ser Gly Asp Gly Gly Arg Ala Glu Leu Asn Pro Trp Pro Glu Tyr Ile
 65 70 75 80
 Tyr Thr Arg Leu Glu Met Tyr Asn Ile Leu Lys Ala Glu His Asp Ser
 85 90 95
 Ile Leu Ala Glu Lys Lys Lys Lys Arg Ala Xaa Ala Leu Glu Asp Pro
 100 105 110
 Lys Leu Thr Tyr Ala Xaa Met Arg Xaa His Lys Phe Phe Tyr
 115 120 125

<210> 6926

<211> 84

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6926

Val Pro Val Xaa Asn Ser Arg Val Asp Pro Arg Val Arg Ile Pro Ser
 1 5 10 15
 Arg Thr Val Asn Arg Lys Ser Thr Asp Ser Pro Val Glu Cys Met Gly
 20 25 30
 Gln Glu Lys Gly Glu Phe Arg Glu Ile Phe Tyr Ile Ile Gly Ala Val
 35 40 45
 Val Phe Val Val Ile Ile Leu Val Ile Ile Leu Ala Ile Ser Leu His
 50 55 60
 Lys Cys Arg Lys Ala Gly Val Gly Gln Ser Trp Lys Glu Asn Ser Pro
 65 70 75 80

6140

Leu Asn Val Ser

<210> 6927

<211> 37

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6927

Val	Xaa	Ser	Glu	Tyr	Pro	Ser	Ile	Lys	Leu	Val	Val	Glu	Trp	Gln	Leu
1				5				10						15	

Gln	Asp	Asp	Lys	Asn	Gln	Ser	Leu	Phe	Cys	Trp	Glu	Ile	Pro	Val	Gln
	20							25						30	

Ile	Val	Ser	His	Leu
				35

<210> 6928

<211> 49

<212> PRT

<213> Homo sapiens

<400> 6928

Ala	Ser	Ser	Ser	Gly	Gly	Pro	Leu	Val	Thr	Val	Ser	Thr	Pro	Leu	His
1				5				10						15	

Gln	Val	Ser	Pro	Thr	Gly	Leu	Glu	Pro	Ser	His	Ser	Leu	Leu	Ser	Thr
			20					25						30	

Glu	Ala	Lys	Leu	Val	Ser	Ala	Ala	Gly	Gly	Pro	Leu	Pro	Leu	Ser	Ala
		35						40					45		

Pro

<210> 6929

<211> 86

<212> PRT

6141

<213> Homo sapiens

<400> 6929

Asp Leu Ser Lys His Ile Lys Thr His Gln Asn Lys Lys Gly Gly Pro
 1 5 10 15

Gly Val Ala Leu Ser Val Gly Thr Leu Pro Leu Asp Ser Gly Ala Gly
 20 25 30

Ser Glu Gly Ser Gly Thr Ala Thr Pro Ser Ala Leu Ile Thr Thr Asn
 35 40 45

Met Val Ala Met Glu Ala Ile Cys Pro Glu Gly Ile Ala Arg Leu Ala
 50 55 60

Asn Ser Gly Ile Asn Val Met Gln Val Ala Asp Leu Gln Ser Ile Asn
 65 70 75 80

Ile Ser Gly Asn Gly Phe
 85

<210> 6930

<211> 54

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6930

Thr Ser Thr Ser Gln Glu Pro Arg Trp Asp Gln Ser Thr Xaa Pro Gly
 1 5 10 15

Arg Ala Arg His Phe Phe Thr Val Thr Asp Pro Xaa Asn Leu Leu Leu
 20 25 30

Ser Gly Xaa Thr Ala Gly Ser Phe Leu Gly Thr Ser Cys Arg Thr Thr

6142

35

40

45

Gly Asp His Pro Ser Ile

50

<210> 6931

<211> 93

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6931

His His Ala Asp Gln Thr Leu Leu Thr Cys Arg His Gln Cys Pro Arg

1

5

10

15

Val His His Leu Ser Ala His Arg Pro Ser Ser Cys Trp Xaa Leu Ser

20

25

30

Ala Ala Tyr Ser Gly Trp Gly Asn Thr Leu Ser Phe Gly Ala Asp Tyr

35

40

45

Pro Asp Glu Leu Lys Cys Leu Asp Ala Pro Val Leu Thr Gln Ala Glu

50

55

60

Cys Lys Ala Ser Tyr Pro Gly Lys Asp Tyr Gln Gln His Val Leu Cys

65

70

75

80

Gly Ala Ser Leu Arg Gly Gly Lys Asp Ser Leu Pro Ala

85

90

<210> 6932

<211> 111

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (71)

6143

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (78)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (98)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (104)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (107)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6932

Asn	Ala	Ser	Val	Arg	Leu	Asp	Asn	Ser	Ser	Ser	Gly	Ala	Ser	Val	Val
1				5					10					15	

Ala	Ile	Asp	Asn	Lys	Ile	Glu	Gln	Ala	Met	Asp	Leu	Val	Lys	Ser	His
			20				25						30		

Leu	Met	Tyr	Ala	Val	Arg	Glu	Glu	Val	Glu	Val	Leu	Lys	Glu	Gln	Ile
		35					40					45			

Lys	Glu	Leu	Ile	Glu	Lys	Asn	Ser	Gln	Leu	Glu	Gln	Glu	Asn	Asn	Leu
	50					55					60				

Xaa	Lys	Thr	Leu	Ala	Ser	Xaa	Glu	Gln	Leu	Ala	Gln	Phe	Xaa	Ala	Gln
65					70					75					80

Leu	Gln	Thr	Gly	Ser	Pro	Pro	Ala	Thr	Thr	Gln	Ser	Gln	Gly	Thr	Thr
				85					90					95	

Gln	Xaa	Pro	Ala	Ser	Gln	Tyr	Xaa	Arg	Ala	Xaa	Asp	Gln	Pro	His	
		100						105					110		

<210> 6933

<211> 162

<212> PRT

<213> Homo sapiens

6144

<220>

<221> SITE

<222> (157)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6933

Glu Asn Thr Asp Tyr Val Asn Ala Ser Phe Ile Asp Gly Tyr Arg Gln
 1 5 10 15

Lys Asp Ser Tyr Ile Ala Ser Gln Gly Pro Leu Leu His Thr Ile Glu
 20 25 30

Asp Phe Trp Arg Met Ile Trp Glu Trp Lys Ser Cys Ser Ile Val Met
 35 40 45

Leu Thr Glu Leu Glu Glu Arg Gly Gln Glu Lys Cys Ala Gln Tyr Trp
 50 55 60

Pro Ser Asp Gly Leu Val Ser Tyr Gly Asp Ile Thr Val Glu Leu Lys
 65 70 75 80

Lys Glu Glu Glu Cys Glu Ser Tyr Thr Val Arg Asp Leu Leu Val Thr
 85 90 95

Asn Thr Arg Glu Asn Lys Ser Arg Gln Ile Arg Gln Phe His Phe His
 100 105 110

Gly Trp Pro Glu Val Gly Ile Pro Ser Asp Gly Lys Gly Met Ile Ser
 115 120 125

Ile Ile Ala Ala Val Gln Lys Gln Gln Gln Gln Ser Gly Asn His Pro
 130 135 140

Ile Thr Arg Ala Leu Gln Arg Pro Gly Gln Glu Gly Xaa Gly Pro Ser
 145 150 155 160

Val Pro

<210> 6934

<211> 95

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (85)

<223> Xaa equals any of the naturally occurring L-amino acids

6145

<400> 6934

Val Arg Ala Ser Gln Ser Ser Phe Ile Gly Thr Leu Asn Met Ser Gly
 1 5 10 15

Ile Ala Leu Ser Arg Leu Ala Gln Glu Arg Lys Ala Trp Arg Lys Asp
 20 25 30

His Pro Phe Gly Phe Val Ala Val Pro Thr Lys Asn Pro Asp Gly Thr
 35 40 45

Met Asn Leu Met Asn Trp Glu Cys Ala Ile Pro Gly Lys Lys Gly Thr
 50 55 60

Pro Trp Glu Gly Gly Leu Phe Lys Leu Arg Met Leu Phe Lys Asp Asp
 65 70 75 80

Tyr Pro Ser Ser Xaa Pro Lys Cys Lys Phe Glu Pro Pro Leu Phe
 85 90 95

<210> 6935

<211> 194

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6935

Thr Pro Thr Leu Thr Lys Gly Asn Lys Ser Trp Ser Ser Thr Ala Val
 1 5 10 15

Gln Xaa Ala Leu Glu Leu Val Asp Pro Pro Gly Cys Arg Asn Ser Ala
 20 25 30

Arg Gly Gln Ile Thr Phe Pro Leu Ser Pro Ala Leu Asn Ile Glu Val
 35 40 45

Glu Gln Asn Gly Lys Pro Ser Leu Val Asp Leu Asn Glu Glu Met Gln
 50 55 60

His Met Asp Val Glu Glu Ser Gln Cys Leu Arg Leu Cys Pro Phe Leu
 65 70 75 80

Glu Asp His Lys Glu Asp Ile Leu Cys Gly Pro Val Trp Leu Ala Ser
 85 90 95

Gly Leu Asp Leu Ser Gly His Ala Gly Met Leu Thr Leu Thr Ser Pro

6146

100	105	110
Lys Leu Val Lys Gly Met Ala Gly Gly Lys Tyr Arg Ser Phe Leu Ile		
115	120	125
His Val Lys Ala Val Asn Glu Arg Gly Thr Glu Glu Ile Cys Asn Gly		
130	135	140
Gly Met Arg Pro Val Val Arg Leu Pro Ser Leu Lys His Gln Ser Asn		
145	150	155
Lys Gly Tyr Ser Leu Ala Ser Leu Leu Ala Lys Val Ala Ala Gly Lys		
165	170	175
Glu Lys Ser Ser Asn Val Lys Asn Glu Asn Thr Ser Gly Thr Arg Lys		
180	185	190
Ser Glu		

<210> 6936

<211> 86

<212> PRT

<213> Homo sapiens

<400> 6936

Leu Ile Phe Ala Gly Lys Gln Leu Glu Asp Gly Arg Thr Leu Ser Asp
1 5 10 15
Tyr Asn Ile Gln Lys Glu Ser Thr Leu His Leu Val Leu Arg Leu Arg
20 25 30
Gly Gly Ile Ile Glu Pro Ser Leu Arg Gln Leu Ala Gln Lys Tyr Asn
35 40 45
Cys Asp Lys Met Ile Cys Arg Lys Cys Tyr Ala Arg Leu His Pro Arg
50 55 60
Ala Val Asn Cys Arg Lys Lys Lys Cys Gly His Thr Asn Asn Leu Arg
65 70 75 80
Pro Lys Lys Lys Val Lys
85

<210> 6937

<211> 198

<212> PRT

6147

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (196)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6937

Ile	Tyr	Xaa	Gln	Glu	Lys	Ala	Gln	Ser	Met	Glu	Thr	Leu	Pro	Pro	Gly
1				5				10						15	

Lys	Val	Arg	Trp	Pro	Asp	Phe	Asn	Gln	Glu	Ala	Tyr	Val	Gly	Gly	Thr
		20					25					30			

Met	Val	Arg	Ser	Gly	Gln	Asp	Pro	Tyr	Ala	Arg	Asn	Lys	Phe	Asn	Gln
		35				40					45				

Val	Glu	Ser	Asp	Lys	Leu	Arg	Met	Asp	Arg	Ala	Ile	Pro	Asp	Thr	Arg
	50					55					60				

His	Asp	Gln	Cys	Gln	Arg	Lys	Gln	Trp	Arg	Val	Asp	Leu	Pro	Ala	Thr
65				70				75							80

Ser	Val	Val	Ile	Thr	Phe	His	Asn	Glu	Ala	Arg	Ser	Ala	Leu	Leu	Arg
			85					90					95		

Thr	Val	Val	Ser	Val	Leu	Lys	Lys	Ser	Pro	Pro	His	Leu	Ile	Lys	Glu
		100					105					110			

Ile	Ile	Leu	Val	Asp	Asp	Tyr	Ser	Asn	Asp	Pro	Glu	Asp	Gly	Ala	Leu
	115					120					125				

Leu	Gly	Lys	Ile	Glu	Lys	Val	Arg	Val	Leu	Arg	Asn	Asp	Arg	Arg	Glu
	130					135					140				

Gly	Leu	Met	Arg	Ser	Arg	Val	Arg	Gly	Ala	Asp	Ala	Ala	Gln	Ala	Lys
145					150					155					160

Val	Leu	Thr	Phe	Leu	Asp	Ser	His	Cys	Glu	Cys	Asn	Glu	His	Trp	Leu
			165						170					175	

Glu	Pro	Leu	Leu	Glu	Arg	Val	Ala	Glu	Asp	Arg	Thr	Arg	Val	Gly	Ser
		180						185					190		

Pro	Ile	Ile	Xaa	Cys	His
			195		

6149

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6939

Asp	Lys	Lys	Pro	Ile	Arg	Tyr	Ala	Arg	Xaa	Val	Phe	Xaa	Gln	Tyr	Gln
1				5					10					15	

Pro	Ser	His	Leu	Glu	Asn	Leu	Gln	Lys	Ala	Tyr	Val	His	Ser	Ile	Leu
			20					25						30	

Cys	Val	Ser	Glu
			35

<210> 6940

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6940

His	Glu	His	Phe	Pro	Cys	His	Leu	Tyr	Tyr	Phe	Leu	Asn	Tyr	Ser	Phe
1				5					10					15	

Ser	Leu	Ala	Cys	Leu	Ile	Pro	His	Pro	Pro	Lys	Ser	Ile	Cys	Leu	Ser
				20				25					30		

His	Ala	Ile	Ile	Phe	Ile	Phe	Met	Ser	Thr	Ala	Phe	Ile	Glu	Phe	Xaa
			35				40					45			

<210> 6941

<211> 53

<212> PRT

<213> Homo sapiens

<220>

6150

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6941

Leu Arg Val Lys Tyr Lys Leu Leu Ala Ala Val Gly Gly Lys Glu Pro
 1 5 10 15

Asn Pro Lys Leu Trp Gly Phe Pro Leu Phe Pro Arg Glu Ala Xaa Gly
 20 25 30

Gly Met Asn Asp Pro Lys Gly Asn Glu Gln Thr Xaa Gly Asn Pro Pro
 35 40 45

Ser Ala Thr Ser Asp
 50

<210> 6942

<211> 122

<212> PRT

<213> Homo sapiens

<400> 6942

Ser Arg Val Gly Ser Glu Glu Gln Arg Lys Ala Val Gly Asp Val Ala
 1 5 10 15

Thr Val Pro Arg Asp His Pro Ala Met Glu Thr Arg Glu Leu Ser Leu
 20 25 30

Arg Gly Arg Gly Leu Ala Ser Lys Lys Asp Arg Glu Trp Thr Gly Arg
 35 40 45

Gly Pro Leu Ser Ser Gly Pro Lys Glu Asp Ser Ser Arg Arg Arg Glu
 50 55 60

Ser Glu Arg Gln Gly Pro Cys Ala Gly Leu Leu Leu Arg Leu Gln Ala
 65 70 75 80

Gly Ser Leu Pro Glu Ala Val Gln Lys His Ser Ser Ala Gly Pro Thr
 85 90 95

Arg Phe Leu Ser His Val Lys Phe Arg Ser Ser Val Lys Thr His Ser
 100 105 110

6152

<213> Homo sapiens

<400> 6945

Asp Thr Glu Gly Lys Ser Trp Asn Phe His Lys Ser Leu Thr Gly Ala
 1 5 10 15
 Phe Leu Trp Leu Glu Leu Ala Gln Cys Asp Val Pro Glu Leu Val Gln
 20 25 30
 Arg Asn Ala Phe Ser Phe Ala Lys Gln Asn Phe Gln Glu
 35 40 45

<210> 6946

<211> 85

<212> PRT

<213> Homo sapiens

<400> 6946

Gly Ala Ser Gln Ser Arg Ser Gly Ser Ser Val Arg Phe Pro Val Gly
 1 5 10 15
 Leu Thr Ala Gly Pro Trp Gly His His Pro His Leu Pro Ala Ser Ile
 20 25 30
 Ser Glu Thr Glu Ala Trp Glu Pro Pro Gly Pro Pro Glu Ser Gly Arg
 35 40 45
 Arg Lys Pro Ile Pro Gly Thr Gly Pro Gly Pro Phe Leu Val Arg Gly
 50 55 60
 Thr Leu Trp Ser Ile Val Gly Gln Arg Asn Leu Leu Phe Asn Ile Lys
 65 70 75 80
 Arg Ile Leu Cys Pro
 85

<210> 6947

<211> 57

<212> PRT

<213> Homo sapiens

<400> 6947

Thr Gly Met Asn His His Ala Gln Pro His Leu Gln Phe Leu Lys Lys
 1 5 10 15
 Ile Leu Arg Ser Val Phe Phe Ile Val Tyr Lys Ser Phe Phe Val Ile
 20 25 30

6153

Thr Lys Ile His Ala Phe Gly Arg Asn Thr Asn Ile Gln Arg Cys Ser
35 40 45

Ile Lys Leu Thr Phe Tyr Arg Thr Phe
50 55

<210> 6948

<211> 75

<212> PRT

<213> Homo sapiens

<400> 6948

Ala Lys Glu Leu Ile Asp Asp Tyr Phe Ala Phe Ser Lys Ile Val Phe
1 5 10 15

Asn Val Gly Ile Tyr Pro Ile Phe His Arg Asn Lys Val Gly Cys Ser
20 25 30

Gly Ser Asn Phe Lys Cys Arg Leu Val Ile Ser Lys Cys Asn Gly Thr
35 40 45

Ile Ile Ser Leu Val Gln Glu Thr Lys Leu Leu Pro Asn Leu Leu Leu
50 55 60

Phe Cys Phe Phe Met Ala Tyr Phe Lys Leu Lys
65 70 75

<210> 6949

<211> 61

<212> PRT

<213> Homo sapiens

<400> 6949

Arg Lys His Gly Arg Thr Cys Trp Trp Gly Pro Ser Asn Ile Gln Leu
1 5 10 15

Asn Leu Ser Pro Pro Ser Ser Pro Val Leu Cys Arg Asp Gly Ser Arg
20 25 30

Leu Leu Cys Gly Leu Asp Ile Ser Glu Gln Pro Asn Leu Ala Gly Ile
35 40 45

Asn Pro Lys Gly Thr Gly Leu Arg Gly Gln Glu Leu Lys
50 55 60

6155

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<222> (12)

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<220>

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6951

Gly	Asn	Lys	Xaa	Xaa	Val	Pro	Xaa	Val	Xaa	Pro	Xaa	Xaa	Thr	Met	Asp
1				5				10						15	

Pro	Xaa	Ala	Ala	Asp	Ser	Ala	Glu	Gln	Arg	Gln	Arg	Glu	Pro	Ala	Gly
		20					25					30			

Pro	Gln	Val	Ser	Ser	Asp	Ala	Ser	Glu	Ile	Ser	Cys	Val	Phe	Val	Ser
	35						40				45				

Ser	Glu	Leu	His	Arg	Ser	Leu	Thr	Leu	Glu	Pro	Ala	Cys	Leu	Pro	Ala
	50					55					60				

Ala	Val	Leu	Cys	Ile	Leu	Arg	Asn	Gln
65					70			

<210> 6952

<211> 116

<212> PRT

<213> Homo sapiens

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6156

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6952

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Arg Xaa His Xaa Leu Glu Leu His Arg Gly Ala Xaa Ala Leu Glu Leu
 1              5              10              15

Val Asp Pro Pro Gly Cys Arg Asn Ser Ala Arg Ala Phe Pro Leu Lys
          20              25              30

Arg Arg Arg Lys Arg Glu Gly Glu Gln Glu Lys Lys Lys Leu Pro Tyr
          35              40              45

Met Ser Val Phe Leu Tyr Lys Lys Val Thr Pro Tyr Lys Glu Thr Thr
          50              55              60

Ile Gln Ala Gly Ala Arg Gly Leu Gly Ser Arg Gly Ile Pro Gly Glu
 65              70              75              80

Gln Ser Gln Gly Ile Pro Ser Lys Ser Pro Thr Cys Ser Glu Tyr Pro
          85              90              95

Thr Asn Val Ser Gly Ala Ser Ala Glu Val Ala Met Leu Asn Ala Ser
          100             105             110

Ser Ile Pro Gly
          115

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<210> 6953

<211> 92

<212> PRT

<213> Homo sapiens

<400> 6953

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Leu Ser Ile Val Cys Arg Met Asp Glu Arg Glu Ala Ala Glu Arg Gln
 1              5              10              15

Gln Gly His Ser Ala Ser Ser Gly Gly Arg Ser His Leu Met Glu Glu
          20              25              30

Asn Gln Phe Lys Glu Met Pro Phe Leu Tyr Arg Thr Pro Phe Asn Ser
          35              40              45

Ile Gln Glu Glu Arg Glu Ala Ala Ile Leu Arg Leu Ser Lys Tyr Ser
          50              55              60

Arg Gly Cys Pro Arg Met Ala Val Met Pro Gly Phe Trp Gln Val Pro
          65              70              75              80

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6157

Asp Ser Ile Thr Ser Pro Ala Ser Leu His Gln Ile
 85 90

<210> 6954

<211> 95

<212> PRT

<213> Homo sapiens

<400> 6954

Trp Ile Pro Arg Ala Ala Gly Ile Arg His Glu Gly Gln Arg Trp Phe
 1 5 10 15

Tyr Pro Cys Leu Leu Leu Phe Phe Ser Leu Arg Phe Leu Arg Arg Arg
 20 25 30

Leu Leu Ser Arg Lys Cys Ala Val Val Ile Leu Glu Arg Leu Glu Ala
 35 40 45

Leu Leu Ala Thr Leu Gly Pro Arg Arg Ala His Val Met Thr Pro Thr
 50 55 60

Pro Gly Glu Arg Arg Arg Cys Gly Thr His Arg Pro Thr Gly Arg Val
 65 70 75 80

Ser Gly Gly Thr Leu Ile Val Ala Gly Arg Ser Gly Ala Ala Val
 85 90 95

<210> 6955

<211> 73

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

6158

<400> 6955

Xaa Ser Val Phe Xaa Glu Glu Gln Lys Met Glu Gln Leu Asp Xaa Arg
 1 5 10 15
 Ala Leu Ala Pro Leu Val Met Leu Pro Ala Thr Arg Thr Cys Asp Leu
 20 25 30
 Val Gln Lys Arg Ala Ala Val Leu Ser Ser Trp Trp Gln Val Met Tyr
 35 40 45
 Met Val Arg Arg Gln Arg Asp Ala Met Val Ala Gly Ala Ala Val Val
 50 55 60
 Glu Ser Thr Gly Arg His Ser Ala Trp
 65 70

<210> 6956

<211> 114

<212> PRT

<213> Homo sapiens

<400> 6956

His Pro Val Leu Pro Ser Val His Leu Ala Asp Pro Gly Gly Leu Cys
 1 5 10 15
 Pro Trp Gly Arg Gly Arg Arg Arg Gly Asp Cys Pro Arg His Pro His
 20 25 30
 Gly Gly Leu Cys Gly Leu Phe Pro Gly Leu Pro Asp Gly His Ile Pro
 35 40 45
 Gly Asp Leu Ser Arg Arg Val Arg Gly Gly Gln Gly Gly Ala Glu Arg
 50 55 60
 Pro Val Phe Pro Val Gly Arg Arg Arg Gln Gly Arg Arg Glu Gln Arg
 65 70 75 80
 Lys Ala His Arg Ala Glu Ala His Ala Glu Gly Gly Pro Ala Gly Thr
 85 90 95
 Gly Gly Asp Arg Val Arg Gly Leu Ser Arg Thr Pro Val Tyr Thr His
 100 105 110
 Ser Ser

<210> 6957

6159

<211> 26

<212> PRT

<213> Homo sapiens

<220>

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<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6957

Val	Leu	Ser	Met	Phe	Ile	His	Lys	Asn	Lys	Ser	Xaa	Xaa	Tyr	Phe	Xaa
1				5				10						15	

Ser	Leu	Arg	Met	Leu	Lys	Lys	Ala	Asn	Pro
			20					25	

<210> 6958

<211> 28

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<220>

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6160

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6958

Trp	Xaa	Xaa	Gly	Leu	Gln	Glu	Phe	Gly	Arg	Xaa	Gln	Lys	Ser	Ser	Leu
1				5				10					15		

Ala	Thr	Phe	Val	Gly	Ser	Xaa	Pro	Ser	Xaa	Gly	Pro
			20				25				

<210> 6959

<211> 73

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

6161

<220>

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<222> (52)

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<220>

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<220>

<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (71)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6959

Arg	Pro	Ala	Ser	Arg	Ala	Gly	Leu	Lys	Ala	Xaa	Pro	Leu	Leu	Xaa	Lys
1				5					10					15	

Ser	Trp	Pro	Pro	Lys	Xaa	Cys	Leu	Xaa	Glu	Thr	Ala	Arg	Thr	Phe	Asn
			20					25					30		

Phe	Xaa	Pro	Ala	Gly	Ser	Asp	Leu	Gly	Trp	Ile	Leu	Val	Xaa	Phe	Pro
		35					40					45			

Leu	Leu	Gln	Xaa	Pro	Pro	Pro	Leu	Pro	Arg	Pro	Phe	Phe	Phe	Phe	Phe
	50					55					60				

Xaa	Lys	Xaa	Val	Phe	Tyr	Xaa	Glu	Ile
65					70			

<210> 6960

<211> 49

<212> PRT

<213> Homo sapiens

<400> 6960

Pro	Ala	Ala	Pro	Ser	Phe	Ala	Trp	Thr	Leu	Thr	Ser	Phe	Met	Val	Leu
1				5					10					15	

Leu	Leu	Gln	Gly	Gln	Pro	Pro	Ser	Ser	Ser	Ala	Ser	Lys	Leu	Cys	Asn
		20						25					30		

Leu	Gln	Pro	Ala	Pro	Val	Pro	Asp	Cys	Ile	Thr	Ser	Asp	Leu	His	Trp
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6162

35

40

45

Phe

<210> 6961

<211> 73

<212> PRT

<213> Homo sapiens

<400> 6961

Phe Tyr Ala Ser Leu Phe Leu Arg Trp Ser Thr Ile Ser Glu Asn Leu
 1 5 10 15

Phe Ala Thr Thr Gly Tyr Pro Gly Lys Met Ala Ser Gln Phe Gln Ile
 20 25 30

His His Leu Gly His Pro Gln Pro Ile Leu Met Gly Ser Val Ala Val
 35 40 45

Gly Ser Gly Leu Ser Trp His Arg Thr Leu Pro Leu Cys Val Ile Gly
 50 55 60

Arg Glu Thr Thr Ser Cys Cys Phe Gly
 65 70

<210> 6962

<211> 84

<212> PRT

<213> Homo sapiens

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<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6962

Leu Thr Asn His Ser Tyr Pro Arg Tyr Ser Lys Xaa Leu Thr Gln Lys
 1 5 10 15

Pro Asn Asn Ala Tyr Asn Phe Phe Gly Val Lys Ser Thr Ser Leu Val
 20 25 30

6164

Pro Pro Arg Ala His His Arg Pro Val Ser Pro Ala Ala Pro Gly Arg
 20 25 30

Trp Ser Thr Ser Ala Arg Val Arg Thr Arg Lys Met Val Asn Tyr Ala
 35 40 45

Trp Ala Gly Arg Thr Glu Glu Thr Leu Val Glu Val Arg Ser Gly Pro
 50 55 60

Asp Val Gln Ile Gly Arg Pro Thr Trp Val
 65 70

<210> 6965

<211> 38

<212> PRT

<213> Homo sapiens

<220>

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<222> (15)

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<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6965

Lys Ala Glu Thr Lys Pro Glu Leu Thr Pro Lys His Val Asp Xaa Val
 1 5 10 15

Thr Xaa Met Ser Leu Phe Gly Ile Thr Leu Leu Phe Met Ser His Ile
 20 25 30

Leu Val Gly Ser Ser Asp
 35

<210> 6966

<211> 31

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

6165

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<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6966

Asn	Ser	Ala	Xaa	Asp	Trp	Ser	Lys	Xaa	Cys	Ile	Leu	Arg	Asp	Met	Asn
1				5				10					15		

Val	Gln	Ser	Leu	Asp	His	Glu	Asp	Asp	Arg	Ile	Pro	Arg	Asn	Ser
			20				25						30	

<210> 6967

<211> 79

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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6166

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6167

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<400> 6967

Val	Gly	Leu	Leu	Ser	Phe	Ser	Xaa	Glu	Gly	Ser	Leu	Ala	Leu	Xaa	Val
1				5					10					15	

Xaa	Glu	Asp	Gly	Leu	Ile	Glu	Gly	Xaa	Val	Xaa	Ser	Trp	Asn	Pro	Asn
			20					25					30		

Ser	Cys	Val	Xaa	Gly	Val	Thr	Leu	Val	Leu	His	Asn	Val	Xaa	Leu	Trp
			35					40					45		

Trp	Ile	Gly	Xaa	Thr	Glu	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Phe	Xaa	Ile	Xaa
								55					60		

Xaa	Cys	Xaa	Xaa	Xaa	Ser	Xaa	Lys	Ser	Val	Phe	Glu	Gly	Xaa	Gln
													65	75

<210> 6968

<211> 115

<212> PRT

<213> Homo sapiens

6168

<220>
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<222> (64)
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6169

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 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 6968
 Met Leu Phe Ile Leu Pro Thr Asn Leu His Ser Ser His Gly Ile Thr
 1 5 10 15
 Ala Gln Thr Thr Trp Gln Thr Glu Arg Gln Met Gln Ser Cys Thr Asp
 20 25 30
 Ser Val Gly Pro Ala Gly Val Gly His Leu Asn Arg Pro Leu Leu Pro
 35 40 45
 Asn Ser Leu Arg Trp Val Glu Gln Glu Gly Leu Pro Trp Pro Arg Xaa
 50 55 60
 His Gly Arg Lys Xaa Xaa Phe Phe Ser Arg Arg His Val Ile Val Gly
 65 70 75 80
 Xaa Xaa Xaa Tyr Ile Ile Leu Gly Xaa Pro Xaa Phe Leu Lys Asn Ser

6170

	85		90		95
Xaa Arg Val Xaa Lys Ile Xaa Xaa Lys Trp Gly Xaa Xaa Xaa Lys Val					
	100		105		110
Xaa Xaa Ile					
	115				

<210> 6969

<211> 63

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 6969

Lys Ser Phe Leu Ser Leu Tyr Leu Gly Leu Phe Thr Phe Arg Phe Phe
1 5 10 15

Phe Asn Val Ile Ile Phe Thr Leu Trp Ile Ser Asn Phe Val Pro Phe
20 25 30

Lys Ile Arg Asp Arg Arg His Ile Gln Leu Asp Leu Leu Met Thr Phe
35 40 45

Cys Trp Thr Thr Phe Leu His Glu Cys Phe Xaa Ala Leu Gly Asp
50 55 60

<210> 6970

<211> 99

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<400> 6970

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Ser	Val	Pro	Phe	Leu	Pro	Met	Leu	Val	Pro	Phe	Ala	Ile	Asp	Ser	Gly
			20					25					30		

Leu	Ile	Ser	Gly	Lys	Thr	Ala	Leu	Cys	Asn	Phe	Leu	Tyr	Leu	Leu	Arg
		35					40					45			

Val	Gln	Ser	Gly	Gly	Glu	Arg	Leu	Arg	Asp	Pro	Gly	Phe	Ser	Trp	Cys
	50					55					60				

Phe	Ile	Gly	Ser	Asp	Trp	Val	Met	Ser	Pro	Xaa	Tyr	Glu	Thr	Asn	Cys
65					70					75					80

Cys	Gly	Leu	Gln	Lys	Cys	Gly	Gln	Xaa	Pro	Leu	Asp	Ser	Xaa	Gly	Phe
				85					90					95	

Ser Xaa Cys

<210> 6971

<211> 70

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<400> 6971

Tyr Pro Trp Lys Gly Phe Arg Gln Xaa Ser Ser Ser Gly Asn Ser Xaa
 1 5 10 15

Glu Ser Arg Trp Xaa Ser Trp Xaa Met Ala Phe Ser Gly Xaa Xaa Ser
 20 25 30

Pro Gly Thr Gly Cys Leu Xaa Tyr Lys His Xaa Xaa Thr His Met Xaa
 35 40 45

Glu Val Lys Lys Ser Xaa Phe Arg Lys His Phe Phe Asn Gly Leu Asn
 50 55 60

Xaa Gly Gly Phe Xaa Phe
 65 70

<210> 6972

<211> 59

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<400> 6972

Val Xaa Leu Val Ala Asp Leu Ser His Ala Leu Arg Ile Arg Leu Tyr
 1 5 10 15

Lys Tyr Ile Trp Ala Lys Pro Ser Xaa Ala Met Gly Met Trp Lys Arg
 20 25 30

Tyr Val Gly Ser Ser Val Glu Tyr Gln Ser Met Met Arg Thr Phe Ser
 35 40 45

Arg Pro Ser Ser Gly Leu Glu Phe Gly Phe Gln
 50 55

<210> 6973

<211> 59

6174

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<400> 6973

Gln	Ala	Ser	Leu	Gly	Ser	Xaa	Thr	Gln	Trp	Phe	Xaa	Phe	Ser	Lys	Cys
1				5				10					15		

Ser	Lys	Arg	Ala	Ser	Thr	Asn	Val	Gln	Val	Asn	Phe	Xaa	Ser	Phe	Cys
			20				25						30		

Leu	Gly	Ile	Met	Phe	Ala	Thr	Val	Leu	Leu	Asn	Gln	Ser	Lys	Ser	Phe
		35					40					45			

Met	Asn	Gln	Pro	Arg	Phe	Gln	Gly	Leu	Glu	Glu
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<400> 6974

Asn	Ser	Ala	Gln	Leu	Gln	Leu	Leu	Lys	Val	Arg	Phe	Arg	Leu	Phe	Asn
1				5					10					15	

Pro	Leu	Leu	Met	Asn	Ala	Asn	Met	Xaa	Gln	Xaa	Trp	Val	Gly	Ile	Leu
			20					25					30		

Gln	Val	Ile	Phe	Ile	Ser	Ala	Gln	Arg	Xaa	Lys	Thr	Ile	Ser
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<400> 6975

Phe	Gly	Xaa	Asn	Arg	Ser	Gly	Ser	Arg	Thr	Leu	Pro	Ser	Thr	Ala	Glu
1				5					10					15	

Gln	Pro	Ala	Arg	Glu	Val	Glu	Gly	Leu	Gly	Arg	Ala	Pro	Gly	Lys	Glu
			20					25					30		

Trp	Glu	Met	Val	Arg	Ile	Gly	Val	Gly	Gly	Ala	Lys	Arg	Gly	Xaa	Ser
		35					40					45			

Pro	Arg	Cys	Thr
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<210> 6976

<211> 84

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Ala	Ser	Arg	His	Gln	Asn	Asn	Val	Ser	Ser	Glu	Ile	Asn	Ser	Gly	Ile
1				5				10						15	

Pro	Pro	Arg	Asn	Met	Ala	Asn	Arg	Arg	Asn	His	Lys	Glu	Trp	Gly	Pro
			20					25					30		

Gln	Gly	Gly	Gly	Trp	Ser	Asn	Asp	Glu	Leu	Thr	Thr	Leu	Ile	Ile	Pro
		35					40					45			

Ser	Lys	Trp	Val	His	Ile	Tyr	Gln	Xaa	Gly	Gly	Leu	Leu	Leu	Leu	Phe
	50					55					60				

Ala	Xaa	Met	Leu	Lys	Xaa	Xaa	Val	Gly	Cys	Phe	Xaa	Gly	Lys	Cys	Pro
65					70					75					80

Gly Glu Xaa Ser

<210> 6977

<211> 65

6177

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<400> 6977

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Asp Phe Gln Ile Xaa Xaa Xaa Gly Xaa Phe Gly Ile Tyr Glu Glu Xaa
20 25 30

Trp Gly Xaa Xaa Xaa Gly Xaa Gly Xaa Trp Gly Glu Val Xaa Xaa Ile
35 40 45

Phe Gln Gly Gly Leu Xaa Lys Gly Xaa Lys Lys Xaa Lys Xaa Xaa Xaa
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Pro
65

<210> 6978

<211> 60

<212> PRT

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<400> 6978

Lys	Leu	Xaa	Arg	Leu	Leu	Val	Ser	Gly	Leu	Gly	Phe	Ser	Ser	Arg	Leu
1				5					10					15	

Asn	Xaa	Met	Ile	Pro	Lys	Xaa	Val	Xaa	Lys	Met	Xaa	Xaa	Phe	Xaa	Gly
			20					25					30		

Gly	Gln	Xaa	Gly	Ile	Xaa	Gly	Xaa	Xaa	Xaa	Val	Gln	Pro	Xaa	Arg
		35				40					45			

Xaa	Xaa	Xaa	Pro	Leu	Pro	Cys	Phe	Xaa	Pro	Arg	Gly
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<400> 6980

Asp	Phe	Gly	Xaa	Gly	Xaa	Thr	Xaa	His	Xaa	Val	Xaa	Ser	Xaa	Xaa	Arg
1				5					10					15	

Xaa	Val	Leu	His	Arg	Lys	Val	Phe	Xaa	Met	Val	Gly	Ser	Gln	Lys	Asn
			20					25					30		

Leu	Pro	Arg	Xaa	Leu	Met	Leu	Xaa	Val	Xaa	Phe	Xaa	Glu	Xaa	Leu	Xaa
			35				40					45			

Thr	Xaa	Glu	Xaa	Asp	Cys	Xaa	Xaa	Gly	Xaa	Gly	Xaa	Cys	Trp	Lys	Gln
	50					55					60				

Gln	Glu	Ala	Xaa
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<211> 86

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1

5

10

15

Trp Arg Arg Xaa Leu Gly Arg Glu Leu Ala Ser Ser Pro Ser Thr Xaa

20

25

30

Lys Pro Gly Asp Ala Pro Xaa Trp Ala Gly Pro Thr Lys Gly Pro Xaa

35

40

45

Pro Gln Gly Arg Ala Pro Gly Ala Gly Phe Pro Arg Glu Ala Thr Phe

50

55

60

Pro Leu Val His Gly Pro Gly Ile Asp Ala Pro Phe Gly Gln Xaa Pro

65

70

75

80

Gly Xaa Ser Lys Val Gly

85

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1				5					10					15	

Val	Leu	Cys	Phe	Glu	Asn	Leu	Phe	Phe	Pro	Gln	Xaa	Ser	Leu	Thr	Tyr
			20					25					30		

Phe	Leu	Gln	Thr	Asp	Arg	Ile	Gln	Arg	Lys	Asn	Ser	Pro	Ser	Phe	Ile
		35					40					45			

His	Tyr	Glu	Met	Asn	Phe	Ser	Phe	Glu	His	Val	Ile	Leu	Leu	Phe	Cys
	50					55					60				

Ser	Asn	Gly	Asp	Gln	Arg	Asp	Thr	Gly	Xaa	Pro	Pro	Val	Phe	Ser	Ser
65					70					75					80

Ser	Phe	Gln	Phe	Trp	Thr	Xaa	Lys	Glu	Arg	Gly	Leu	Val	Xaa	Ile	Val
				85					90					95	

Ala	Xaa	Leu	Xaa	Leu	Xaa	Gln	Ala	Cys	Gly	Asp	Xaa	Arg	Xaa	Xaa	Gly
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6191

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6193

<400> 6984

Ile Xaa Asn Phe Pro Xaa Cys Thr Xaa Xaa Xaa Leu Ala Xaa Lys Gly
 1 5 10 15

Lys Val Lys Leu Trp Leu Val Ile Gln Xaa Xaa Leu Met Xaa Pro Xaa
 20 25 30

Lys Leu Ala Ala Lys Xaa Gly Xaa Pro Ala Xaa Xaa Leu Val Trp Gly
 35 40 45

Gln Gly Xaa Pro Xaa Val Pro Pro Xaa Xaa
 50 55

<210> 6985

<211> 51

<212> PRT

<213> Homo sapiens

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<400> 6985

Ile Lys His Thr Leu Ile Lys Cys Ala Phe Xaa Ile Asn Ser Gln Cys
 1 5 10 15

Leu Xaa Phe Ser Ser Gly Arg Glu Pro Ala Leu Ala Leu Gly Glu Ser
 20 25 30

Ser Thr Ala Glu Val Lys Leu Met Arg Ala His Gln Gly Met Leu Glu
 35 40 45

Gly Gly Gly
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<210> 6986

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Ala	Lys	Xaa	Gln	Ile	Gln	Ala	His	Ser	Ala	Pro	Ser	Phe	Xaa	Gly	Phe
			20					25					30		

Pro	Xaa	Phe	Ala	Leu	Arg	Gly	Xaa	Phe	Arg	Gly	Gly	Leu	Gly	Pro	Pro
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6196

35	40	45	
Gly Xaa Gly Leu Gln Xaa Xaa Val Phe Xaa Pro His Gly Leu Xaa Xaa			
50	55	60	
Gly Pro Xaa Xaa Xaa Val Phe Pro Gly Ala Xaa Gly Xaa Xaa Gly Xaa			
65	70	75	80
Xaa Asn Xaa Trp			

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<400> 6987

Phe	Gly	Xaa	Ala	Ala	Trp	His	Arg	Pro	Ala	Ala	Arg	Gly	Gln	Ser	Pro
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Arg	Arg	Cys	His	Ala	Xaa	Val	His	Arg	Ser	Gln	Cys	Xaa	Leu	Cys	Arg
			20					25					30		

Leu	Gly	Ala	Ala	Gly	Glu	Arg	Gly	Arg	Gln	Pro	Gly	Arg	Gly	Thr	Gly
		35					40					45			

Thr	Pro	Gly	Glu	Pro	Ser	Arg	Pro	Lys	Ala	Leu	Xaa	Leu	Pro	Gln	Ser
		50				55					60				

Val	Ser	Xaa	Gly	Leu	Val	Ala	Leu	Leu	Ala	Ser	Arg	Asn	Leu	Xaa	Xaa
65					70					75				80	

Pro	Pro	Leu	His	Trp	Val	Leu	Leu	Ala	Leu	Ala	Leu	Val	Asn	Leu	Xaa
				85					90					95	

Leu	Xaa	Leu	Pro	Val	Xaa	Trp	Gly	Phe	Phe	Cys	Cys	Val	Asn	Tyr	Cys
			100					105					110		

Gly	Xaa	Xaa	Xaa	Ala	Xaa	Xaa	Xaa	Leu	Xaa	Xaa	Xaa	Xaa	Xaa	Asp	Phe
			115					120					125		

Leu	Asp	Leu	Trp
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6199

<210> 6988

<211> 64

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<400> 6988

Asn	Ala	Asp	Val	Xaa	Val	Pro	Ser	Leu	Ser	Gln	Xaa	Thr	Gly	Cys	Pro
1				5					10					15	

Val	Trp	Arg	Thr	Ala	Gln	Met	Gln	Leu	Tyr	Glu	His	Tyr	Gly	Lys	Cys
			20					25					30		

Ala	Gly	Lys	Lys	Arg	Gln	Leu	Val	Xaa	Pro	Thr	Phe	Ala	Leu	Val	Ser
		35					40					45			

Arg	Ala	Ser	Trp	Val	Val	Xaa	Cys	Lys	Ala	Pro	Gly	Gly	Gly	Ile	Phe
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Leu	Tyr	Ser	Glu	Asp	Thr	Ile	Phe	Thr	Leu	Gly	Val	Asn	Ser	His	Xaa
1					5				10					15	

Lys	Gln	Ala	Ser	Thr	Gly	Xaa	Lys	Leu	Gly	Glu	Val	Phe	Glu
			20				25						30

<210> 6990

<211> 97

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 <400> 6990
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 Leu Glu Asn Asn Phe Pro Thr Tyr Ser Ile Xaa Ala Ser Lys Val Xaa
 20 25 30
 Gln Xaa Leu Xaa Lys Leu Arg Gly Gly Phe Gly Gly Xaa Gly Phe Phe
 35 40 45
 Thr Leu Xaa Arg Xaa Phe Phe Phe Xaa Phe Leu Xaa Arg Xaa Leu Leu
 50 55 60
 Leu Gly Glu Phe Ala Pro Gly Gly Xaa Leu Phe Ser Arg Xaa Xaa Xaa
 65 70 75 80
 Phe Xaa Gln Xaa Phe Xaa Xaa Gly Val Xaa Gly Xaa Pro Phe Xaa Glu

6205

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<400> 6992

Leu	Glu	Glu	Trp	Gly	Ser	Gly	Xaa	Trp	Xaa	Gln	Leu	Ile	Xaa	Xaa	Phe
1				5				10						15	

Xaa	Asp	Phe	Ile	Gly	Glu	Gly	Ser	Xaa	Gly	Xaa	Xaa	Glu	Xaa	Xaa	Thr
			20					25					30		

Val	Val	Xaa	Xaa	Cys	His	Gln	Pro	Trp	Pro	Gln	Leu	Ala	Xaa	Leu	Gly
		35					40					45			

Phe	Gly	Arg	Lys	Pro	Asp	Xaa	Xaa	Pro
	50					55		

<210> 6993

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<400> 6993

Gln	Met	Xaa	Tyr	Met	Thr	Lys	Glu	Thr	Val	Ser	Asn	Ser	Leu	Asn	Ser
1				5					10					15	

Pro	Leu	Trp	Xaa	Asp	Leu	Leu	Xaa	Ile	Thr	Lys	Leu	Leu	Leu	Phe	Ser
			20					25					30		

Gln	Lys	Arg	Ile	Ser	Xaa	Trp	Met	Val	His	Gly	Asn	Xaa	Phe	Xaa	Xaa
		35					40					45			

Xaa	Gly	Xaa	Xaa	Xaa	Gly	Val	Xaa	Gly	Xaa	Xaa	Xaa	Xaa	Xaa	Phe	Gly
	50					55					60				

Gly	Phe	Phe	Gly	Pro	Xaa	Xaa	Leu	Xaa	Xaa	Pro	Pro	Xaa	Xaa	Gly	Gly
65					70					75					80

Phe	Phe	Xaa	Asn	Xaa	Pro	Xaa	Phe	Gly	Xaa	Gly	Gly	Gly	Asn	Xaa	Xaa
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6210

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<400> 6995

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Gly	Pro	Gln	Gly	Pro	Glu	Asn	Pro	Gln	Cys	Ser	Xaa	Gly	Asp	Thr	Leu
		20					25						30		

Gln	Lys	Asn	Val	Cys	Xaa	Pro	Glu	Lys	Gly	Val	Gly	Pro	Leu	Val	Ala
		35					40					45			

Ala	Ala	Thr	Val	Pro	Val	Tyr	Met	Gly	Pro	Val	Lys	Ile	Xaa	Gly	
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<210> 6996

<211> 106

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6212

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50					55					60						
His	Arg	Arg	Xaa	Xaa	Trp	Arg	Thr	Ser	Ser	Asn	Asn	Ile	Xaa	Gln	Xaa	
65					70					75					80	
Phe	Gly	Ser	Pro	Cys	Ile	Leu	Arg	Leu	Lys	Arg	Arg	Ser	Ala	Arg	Lys	
85					90					95						
Asp	Asp	Gly	Xaa	Thr	His	Phe	Met	Xaa	Trp							
100					105											

<210> 6997

<211> 73

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<400> 6997

Arg	Asn	Ser	Phe	Ala	Trp	Leu	Arg	Pro	His	Gly	Leu	Leu	Xaa	Met	Phe
1				5					10					15	

Cys	Pro	Arg	Pro	Phe	Val	Ser	His	Ser	Xaa	Gln	Trp	Gly	Trp	Leu	Xaa
			20					25					30		

Leu	Cys	Gln	Ala	Lys	Val	Gln	Gly	Met	Glu	Val	Gln	Leu	Cys	Xaa	Lys
		35					40						45		

Val	Glu	Pro	Xaa	Trp	Asp	Arg	Gly	Ser	Phe	Ser	Ser	Lys	Ala	Xaa	Ala
	50					55					60				

Trp	Xaa	Tyr	Glu	Trp	Xaa	Xaa	Arg	Gly
65					70			

<210> 6998

<211> 115

<212> PRT

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<400> 6998

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1				5					10					15	

Gly	Ser	Ile	Thr	Thr	Ser	Ser	Phe	Ala	Gln	Xaa	Phe	Thr	Thr	Pro	His
			20					25					30		

Ser	Gln	Pro	Gly	Ser	Ala	Leu	Xaa	Thr	Val	Ser	Pro	Ala	Ser	Thr	Thr
		35					40					45			

Val	Pro	Gly	Leu	Ser	Glu	Glu	Ser	Thr	Thr	Phe	Tyr	Ser	Ser	Pro	Gly
	50					55					60				

Ser	Thr	Glu	Thr	Thr	Ala	Phe	Xaa	His	Ser	Asn	Thr	Ser	Ala	Tyr	Pro
65					70					75				80	

Arg	Glu	Asn	Gly	Thr	Gly	Asn	Ser	Met	Met	Cys	Leu	Lys	Ser	Xaa	Arg
				85					90					95	

Lys	Glu	Gly	Thr	Pro	Gly	Ile	Xaa	Pro	Glu	Asp	Gly	His	Leu	Gly	Arg
		100					105						110		

Thr	Arg	Ile
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6216

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<400> 6999

Ala	Arg	Pro	Arg	Pro	Ile	Arg	His	Ser	Xaa	His	Phe	Thr	Arg	Xaa	Xaa
1				5					10					15	
Phe	His	Lys	His	Ile	Xaa	Ile	Leu	Gln	Gln	His	Phe	Xaa	Met	Val	Pro
			20					25					30		
Ala	Val	Glu	Xaa	Ser	Asn	Val	Lys	Xaa	Xaa	Xaa	Pro	Pro	Ser	His	Ile
			35					40					45		
Ala	Ser	Ser	Thr	His	Phe	Phe	Gly	Lys	Leu	Ser	Ser	Ala	Cys	Asn	Met
	50						55					60			
Leu	Pro	Lys	Xaa	Xaa	Arg	Lys	Gln	His	Trp	Arg	Pro	Val	Phe	Arg	Asn
65					70					75					80

<210> 7000

<211> 77

<212> PRT

<213> Homo sapiens

<400> 7000

Leu	Leu	Asp	Ala	Lys	Ser	Val	Phe	Thr	Lys	Thr	Ile	Gln	Met	Leu	Leu
1				5					10					15	
Asn	Tyr	Gln	Ile	Ser	Phe	Pro	Thr	Phe	Gly	Lys	Gly	Val	Ala	Leu	Ile
			20					25					30		
Pro	Tyr	Trp	Asp	Tyr	Lys	Leu	Val	Met	Val	Phe	Gly	Lys	Gln	Phe	Gly
			35					40				45			
Asn	Met	His	Gln	Lys	Leu	Leu	Thr	Phe	Phe	Ile	His	Leu	Trp	Pro	Ser
	50						55				60				
Asn	Phe	Ile	Ser	Glu	His	Leu	Phe	Tyr	Gly	Asn	Tyr	Ser			
65					70					75					

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<213> Homo sapiens

6217

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 Thr Val Asp Tyr Tyr Ser Gln Arg Glu Lys Ser His Leu Thr Xaa Ser
 1 5 10 15
 Leu Phe Lys Leu Ser Xaa Pro Glu Arg Xaa Lys Tyr Gln Arg Arg Xaa
 20 25 30
 Asn

<210> 7002
 <211> 54
 <212> PRT
 <213> Homo sapiens

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6218

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Phe	Glu	Asn	Val	Leu	Xaa	Leu	His	Xaa	Cys	Leu	Asp	Asp	Leu	Leu	Lys
1				5				10					15		

Lys	Gln	His	Ser	Ala	Pro	Thr	Lys	Leu	Ile	Ser	Ser	Cys	Pro	Ala	Ser
			20				25					30			

Ala	Ser	Val	Ser	Ile	Pro	Ala	Leu	Gly	Phe	Xaa	Xaa	Cys	Leu	Pro	Ile
		35					40					45			

Ser	His	Asn	Gly	Ser	Phe
		50			

<210> 7003

<211> 67

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<400> 7003

His	Glu	Val	Leu	Val	His	Ser	His	His	Leu	Pro	Ser	Val	Pro	Gln	Arg
1				5					10				15		

Phe	Thr	Leu	Ser	Leu	Met	Trp	Asp	Leu	Phe	Pro	Val	Arg	Cys	His	Tyr
		20					25					30			

Phe	Pro	Phe	Pro	Trp	Phe	Thr	Leu	Pro	His	Ile	Gly	Lys	Ala	Leu	Pro
		35					40					45			

6219

Ile Ala Phe Gly Lys Gly Lys Met Xaa Lys Xaa Asn Val Leu Xaa Ser
 50 55 60

Leu Cys Val
 65

<210> 7004

<211> 55

<212> PRT

<213> Homo sapiens

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<400> 7004

Arg Val Pro Asn Pro Arg His Thr Asp Phe Glu Phe Tyr Leu Thr Gly
 1 5 10 15

Thr Asp Met Leu Arg Leu Ser Asp Trp Glu Ser His Leu Trp Leu Leu
 20 25 30

Pro Cys Xaa Xaa Pro Asn Ser Ser Arg Leu Val Xaa Lys Xaa Xaa Lys

6220

35

40

45

Glu Xaa Ser Leu Gly Leu Gly
50 55

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<211> 70

<212> PRT

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<400> 7005

Ile Phe Val Val Ala Phe Xaa Leu Gly Leu Gln Asn Lys Ala Asp Phe

1

5

10

15

Xaa Phe Gln Xaa Val Pro Phe Leu Pro Xaa Gln Val Tyr Tyr Xaa Xaa

20

25

30

Val Leu His Xaa Val Phe Lys Lys Gln Pro Thr Ile Xaa Thr His Val

35

40

45

Thr Xaa Leu Cys Leu Pro Gln Phe Phe Gly Ser Leu Ala Thr Leu Val

50

55

60

Xaa His Val Gly Leu Asp

65

70

<210> 7006

<211> 62

<212> PRT

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6222

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7006

Gly Gly Thr Asp Ser Leu Val Gly Gly Trp Gly His Glu Thr Arg Xaa

1

5

10

15

Ala Leu Arg Lys Pro His Cys Arg Gln Thr Phe Leu Asp Glu Glu Ala

20

25

30

Leu Pro Arg Val Pro Arg Phe Xaa Phe Phe Val Gly Ile Gly Asn Glu

35

40

45

Cys Phe Pro Ser Xaa Ala Ser Phe Cys Thr Phe Thr Val Xaa

50

55

60

<210> 7007

<211> 42

<212> PRT

<213> Homo sapiens

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<400> 7007

Ile Leu Phe Thr Thr Gly Met Cys Gly Ile Cys Asn Tyr Ile Xaa Phe

1

5

10

15

6223

Xaa Gly Pro Ile Xaa Gly Leu Ser Phe Leu Glu Leu Ile Ile Leu Pro
 20 25 30

Tyr Tyr Xaa Ile Cys Xaa Ser Gly Ser Ile
 35 40

<210> 7008

<211> 75

<212> PRT

<213> Homo sapiens

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<400> 7008

Gly Thr Cys Val Leu Arg Leu Cys Leu His Cys Leu Leu Ser Pro Thr
 1 5 10 15

Lys Leu Ser Ser Pro Pro Pro Val Thr Leu Glu Leu Cys Phe Ile Phe
 20 25 30

Lys Glu Glu Arg Glu Xaa Gly Glu Val Thr Ser Xaa Thr Leu Gln His
 35 40 45

Gly His Gln Phe Phe Trp Asn Asn Leu Gly Gly Ser Thr Cys Phe Trp
 50 55 60

Glu Lys Cys Phe Gly Lys Arg Phe Trp Gly Gly
 65 70 75

<210> 7009

<211> 59

<212> PRT

<213> Homo sapiens

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6224

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<400> 7009

Leu	Gly	Asn	Phe	Leu	Asn	Ser	Lys	Lys	Ile	Phe	Ser	Cys	Ser	Leu	Ser
1				5					10					15	

His	Tyr	Ile	Trp	Phe	Ser	Ala	Tyr	Lys	Ser	Lys	Arg	Ile	Ile	Cys	His
			20					25					30		

Ser	Phe	Phe	Lys	Xaa	Val	Phe	Phe	Pro	Asn	Leu	Xaa	Xaa	Asn	Thr	Asn
			35					40					45		

Ile	Ser	Ser	Asn	Gly	Leu	Pro	Xaa	Ser	Ala	Gly
	50					55				

<210> 7010

<211> 86

<212> PRT

<213> Homo sapiens

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Gly	Thr	Ser	Thr	Ala	Pro	Ser	Gln	Phe	Tyr	Tyr	Thr	Ala	Val	Val	Ser
1				5				10					15		

Ala	Tyr	Lys	Phe	Xaa	Ser	Ser	Cys	Pro	Phe	Trp	Pro	Thr	Leu	Ala	Leu
			20					25					30		

Ile	Ile	Ile	Leu	Lys	Pro	Gly	Ser	Ser	Ile	Tyr	His	Ala	Phe	Ile	Leu
			35				40					45			

6225

Glu Ile Asn Leu Gly Ser Asp Thr Gln Val Arg Ile Ile Tyr Gly Gly
50 55 60
Trp Arg Gln Val Ser Ser Asn Gly Thr Val Lys Gly Glu Asp Phe Ser
65 70 75 80
Thr Thr Leu Trp Arg Gly
85

<210> 7011

<211> 115

<212> PRT

<213> Homo sapiens

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6226

<400> 7011

Gly Xaa Gly Arg Pro Asp Pro Ser Glu Xaa Gln Thr Thr Ala Lys His
 1 5 10 15
 Gly Gln Glu Arg Lys Cys Ser Gln Ala Tyr Ala Thr Ala Trp Trp Asp
 20 25 30
 Leu Thr Val Gly Ser Ser Ser Arg Pro His Leu Pro Leu Pro Thr Thr
 35 40 45
 Thr Lys Asn Ser Arg Gln Phe Leu Pro Gly Asn Asn Val Arg Ser Gln
 50 55 60
 Ser Pro Glu Thr Gly Met Gly Phe Leu Glu Ser Gly Leu Asp Cys Leu
 65 70 75 80
 Leu Trp Lys Thr Leu Pro Arg Ala Pro Xaa Cys Glu Ala Gln Ala Asp
 85 90 95
 Gln Asp Pro Ser Asn Trp Xaa Pro Xaa Lys Leu Leu Xaa Pro Xaa Leu
 100 105 110
 Val Lys Ile
 115

<210> 7012

<211> 98

<212> PRT

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6227

<400> 7012

Lys Ile Glu Gln Gln Thr Cys Leu Pro Asp Phe Leu Lys His Thr Lys
 1 5 10 15

Ser Tyr Gly Val Cys Ala Ile Ser Gly Met Gln Gly Ile Leu Asp Met
 20 25 30

Pro Gly Val Phe Gly Cys Leu Thr Pro Leu Glu Arg Gly Asn Gly Leu
 35 40 45

Cys Xaa Cys Thr Val Gly Ser Trp Ala Lys Asp Phe Asp Leu Cys Val
 50 55 60

Pro Ile Leu Gly Gln Gly Lys Val Pro Val Ser Thr Cys Arg Xaa Leu
 65 70 75 80

Gly Ile Asn Gln Arg Val Gly Arg Glu Asn Asn Xaa Ser Xaa Cys Leu
 85 90 95

Asp Thr

<210> 7013

<211> 24

<212> PRT

<213> Homo sapiens

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<400> 7013

His Glu Leu Pro Ser Lys Ile Ser Phe Glu Ile Ser Ile Leu Leu Leu
 1 5 10 15

Ser Lys Lys Lys Xaa Xaa Phe Xaa
 20

6228

<210> 7014

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<400> 7014

Gly Arg Ala Thr Met Asn Ser Xaa Leu Asn Xaa Leu Gly Phe Pro Ile

1

5

10

15

Asn Ser Xaa Lys Asp Ile Xaa Xaa Phe Lys Lys

20

25

<210> 7015

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Arg Gly Xaa Ala Ser Met Val Asn Xaa His Pro Leu Ser Xaa Asn Phe
1 5 10 15

Trp Asn

<210> 7016
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<400> 7016

Ile	Val	Gln	Asn	Thr	Leu	Ser	Asn	Lys	Asn	Arg	Val	Tyr	Ile	Leu	Leu
1					5				10					15	

Lys	Leu	Ile	Gln	Asn	Ile	Ser	Pro	Gly	Xaa	Xaa	Thr	Phe	Trp	Xaa	Leu
			20					25					30		

Gly	Tyr	Thr	Leu	Thr	Asn	Phe	Lys	Pro	Val	Lys	Ser	Xaa	Gln	Ser	Leu
		35					40					45			

Phe	Ser	Xaa	Xaa	Met	Xaa	Phe	Asn	Leu	Lys	Phe	Thr	Thr	Xaa	Arg	Leu
	50						55				60				

Pro	Arg
	65

<210> 7017

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Gln	Ala	Phe	Gly	Lys	Ser	Leu	Gln	Ile	Leu	Xaa	Pro	Pro	Phe	Tyr	Lys
1				5					10					15	

Glu	Arg	Ala	Gly	Leu	Val	Ile	Cys	Pro	Xaa	Pro	Phe	Pro	Gly	Xaa	Ile
			20					25					30		

Xaa	Thr	Ser	Thr	Val	Tyr	Cys	Xaa	Val	Leu	Ser	Xaa	Phe	Gln
		35					40					45	

<210> 7018

<211> 33

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<213> Homo sapiens

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6232

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<400> 7018

Gly	Asp	Thr	Asp	Thr	Xaa	Ile	Tyr	Cys	Ile	Xaa	Gly	Asn	Arg	Gly	Xaa
1				5					10					15	

Phe	Pro	Leu	Arg	Leu	Pro	Gly	Asn	Arg	Phe	Leu	Gly	Xaa	Met	Val	Pro
			20					25					30		

Glu

<210> 7019

<211> 28

<212> PRT

<213> Homo sapiens

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<400> 7019

Phe	Pro	Val	His	Arg	Pro	His	Arg	Gly	His	Xaa	Xaa	Trp	Pro	Gly	Cys
1				5					10					15	

Pro	Ser	Ser	Cys	Gly	Asp	Arg	Ser	Cys	Gly	Arg	Trp
			20					25			

<210> 7020

<211> 31

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<400> 7020

Gly	Arg	Xaa	Gly	Thr	Ser	Xaa	Gly	Val	Pro	Ser	Lys	Glu	Ala	Thr	Val
1				5				10						15	

Pro	Asp	Leu	Lys	Xaa	Lys	Xaa	Xaa	Asp	Gln	Ile	Met	Val	Thr	Val
			20					25					30	

<210> 7021

<211> 25

<212> PRT

<213> Homo sapiens

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<222> (21)

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<400> 7021

Gly	Xaa	Gly	Glu	Ala	Ile	Asn	Xaa	Leu	Xaa	Arg	Phe	Asp	His	Ile	Tyr
1				5				10						15	

Thr	Lys	Xaa	Leu	Xaa	Leu	Glu	Ile	Pro
			20				25	

<210> 7022

<211> 74

<212> PRT

<213> Homo sapiens

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<222> (62)

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<400> 7022

Val	Val	Cys	Xaa	Cys	Xaa	Phe	Leu	Pro	Val	Ser	Cys	Leu	Ser	Val	Asp
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6235

1 5 10 15
 Ile Lys Gly Val Leu Val Ser Leu Lys Met Thr Ile Val Ser Ser Val
 20 25 30
 Ser Xaa Phe His Val Asn Leu Gln Leu Gly Thr Pro Leu Gln Lys Arg
 35 40 45
 Lys Ser Xaa Gly Arg Met Arg Glu Arg Lys Glu Xaa Lys Xaa Asp Cys
 50 55 60
 Ile Gly Pro Lys Gly Phe Pro Leu Ile Arg
 65 70

<210> 7023

<211> 44

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7023

Val Asp Leu Arg Gly Val Lys Glu Ile Asn Lys Gly Ile Phe Val Pro
 1 5 10 15

Xaa Phe Pro Trp Lys Gly Ser Gln Met Ala Ile Gly Glu Met Xaa Gly

6236

	20	25	30
Met Asp Thr Xaa Pro Arg Ala Ala Ser Xaa Trp Xaa			
	35	40	

<210> 7024

<211> 17

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7024

Pro Val Leu Met Xaa Leu Lys Val Gly Asp Gln Xaa Pro Gly Leu Asn
1 5 10 15

Val

<210> 7025

<211> 34

<212> PRT

<213> Homo sapiens

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6237

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7025

Cys	Trp	Gly	Ser	Lys	Trp	Gly	Asp	Gly	Glu	Leu	Gly	Ser	Pro	Xaa	Ser
1				5					10					15	

Lys	Gly	Val	Phe	Leu	Glu	Thr	Xaa	Met	Phe	Trp	Xaa	Gln	Arg	Ala	Xaa
			20					25					30		

Xaa Gly

<210> 7026

<211> 51

<212> PRT

<213> Homo sapiens

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<400> 7026

Gly	Arg	Asn	Leu	Ile	Lys	Tyr	Leu	Xaa	Val	Arg	Glu	Ala	Gly	Arg	Thr
1					5				10					15	

6238

Leu Glu Ser Tyr Ile Ser Ser Glu Tyr Gln Met Xaa Xaa Leu Arg Met
 20 25 30

Ser His Gln Ile Leu Cys Xaa Lys Tyr Ile Gly Ser Tyr Leu Thr His
 35 40 45

Tyr Ile Gly
 50

<210> 7027

<211> 54

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7027

Cys Leu Xaa Leu Arg Thr Leu Arg Ala Gly Tyr Gly Arg Glu Lys Lys
 1 5 10 15

Asn Xaa His Lys Asn Glu Ser Tyr Ser Lys Asn Thr Gly Pro Lys Lys
 20 25 30

Ser Phe Tyr Leu Lys Lys Leu Lys Cys Leu Ser His Tyr Lys Phe Leu
 35 40 45

Gly Leu Xaa Phe Phe Pro
 50

<210> 7028

<211> 33

<212> PRT

<213> Homo sapiens

6239

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<400> 7028
Leu Arg Leu Val Ile Asn Pro Trp Xaa Leu Phe Ala Thr Glu Asn Xaa
1 5 10 15
Leu Val Leu Xaa Thr Leu Val Phe Ser Xaa Xaa Pro Trp Ile Thr Trp
20 25 30

Lys

<210> 7029
<211> 78
<212> PRT
<213> Homo sapiens

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6240

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<400> 7029
Ala Glu Val Phe Xaa Thr Ala Ser Asp Lys Lys Ile Val Ser Leu Trp
1 5 10 15
Tyr Thr Pro Lys Ser Ser Ala Phe Lys Glu Ser Gln Thr Ile Thr Tyr
20 25 30
Leu Ser Pro Leu Leu Phe Pro Pro Xaa Gln Ala Gly Phe Ile Xaa Val
35 40 45
Tyr Leu Gly Phe Xaa Ser Ile His Arg Gly Thr Asp Ser Val Leu Ser
50 55 60
Xaa Ile Leu Lys Xaa Tyr Trp Phe Ile Ile Ala His Phe Tyr
65 70 75

<210> 7030
<211> 67
<212> PRT
<213> Homo sapiens

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6241

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7030

Thr	Gly	Ser	Phe	Leu	Glu	Trp	Leu	Leu	Xaa	Val	Gly	Ala	Glu	Ala	Arg
1				5					10					15	

Pro	Gly	His	Pro	Ser	Ala	Trp	Asp	Thr	Pro	Arg	Arg	Arg	Gly	Arg	Phe
			20					25					30		

Leu	Glu	Val	Gly	Gly	Leu	Pro	Leu	Ala	Leu	Pro	Ser	Leu	Xaa	Leu	His
			35					40					45		

Thr	Gly	Gly	Gly	Leu	Glu	Xaa	Xaa	Thr	Gly	Xaa	Leu	Ile	Val	Lys	Thr
						55					60				

Phe	Leu	Phe
65		

<210> 7031

<211> 25

<212> PRT

<213> Homo sapiens

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6242

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7031

Val	Pro	Xaa	Val	Xaa	Ile	Pro	Thr	Leu	Phe	His	Ile	Phe	Xaa	Lys	Cys
1				5				10						15	

Gly	Val	Phe	Phe	Leu	Xaa	Ala	Trp	Phe							
				20				25							

<210> 7032

<211> 32

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7032

Gly	Thr	Gly	Arg	Glu	Arg	Thr	Ser	Leu	Gln	Phe	Phe	Phe	Phe	Phe	Phe
1				5				10						15	

Phe	Lys	Asn	Trp	Gly	Gly	Xaa	Leu	Gly	Phe	Xaa	Lys	Gly	Xaa	Gly	Pro
				20				25						30	

6243

<210> 7033

<211> 49

<212> PRT

<213> Homo sapiens

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<400> 7033

Ala Asp Leu Ser Pro Arg Xaa Leu Pro Tyr Tyr Gly Arg Glu Xaa Gly

1

5

10

15

Leu Xaa Leu Leu Xaa Phe Ser Gly Lys Glu Ser Leu Gln Xaa Ser Met

20

25

30

Ser Leu Gly Ser Phe Arg Arg Arg Xaa Glu Pro Arg Leu Ala Gly Arg

35

40

45

Pro

<210> 7034

6244

<211> 17
<212> PRT
<213> Homo sapiens

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<400> 7034
Gly Thr Arg Phe Phe Phe Phe Phe Phe Xaa Xaa Asn Xaa Xaa Leu Phe
1 5 10 15

Xaa

<210> 7035
<211> 23
<212> PRT
<213> Homo sapiens

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6245

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7035

Ala	Glu	Leu	Glu	Phe	Phe	Phe	Phe	Phe	Phe	Gln	Arg	Gly	Gly	Glu	Val
1				5						10				15	

Xaa	Arg	Gly	Leu	Ser	Xaa	Xaa
			20			

<210> 7036

<211> 75

<212> PRT

<213> Homo sapiens

<400> 7036

His	Glu	Arg	His	Glu	Lys	Leu	Arg	Asn	Tyr	Thr	Lys	His	Ser	Tyr	Glu
1				5					10					15	

Ile	Ser	Gly	His	Gln	Asp	Asn	Gln	Lys	Ile	Ser	Gln	Ser	Leu	Pro	Lys
			20					25					30		

Arg	Glu	Lys	Lys	Ser	His	Ile	Gln	Arg	Ile	Arg	Asn	Leu	Asn	Gly	Ala
		35					40					45			

Glu	Ile	Leu	Lys	Ala	Asn	Phe	Glu	Val	Arg	Ala	Gln	Arg	Lys	Gln	Glu
	50					55					60				

Leu	Leu	Asn	Ser	Glu	Gly	Lys	Gln	Phe	Leu	Ser
65					70				75	

<210> 7037

<211> 88

<212> PRT

<213> Homo sapiens

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<222> (1)

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6246

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6247

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<222> (87)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7037

Xaa	Ser	Gln	Ser	Lys	Xaa	Xaa	Pro	Gly	Phe	Arg	Ser	Tyr	Pro	Xaa	Ser
1				5					10					15	

Gly	Tyr	Met	Val	Leu	Val	Ser	Ile	Phe	Cys	Xaa	Phe	Xaa	Tyr	Phe	Gln
			20					25					30		

Xaa	Ser	Leu	Xaa	Trp	Tyr	Tyr	Met	Val	Lys	Xaa	Lys	Leu	Phe	Phe	Xaa
		35					40					45			

Pro	Asp	Gln	Gly	Cys	Xaa	Ser	Ser	Pro	Cys	Leu	Xaa	Ser	Val	Pro	Lys
	50					55					60				

Xaa	Val	Phe	Trp	Gln	His	Ser	Leu	Val	Ala	Ala	Gly	Val	Val	Lys	Phe
65					70					75				80	

Gly	Pro	Glu	Lys	Ala	Xaa	Xaa	Lys
				85			

<210> 7038

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7038

Gly	Arg	Ala	Leu	Phe	Tyr	Tyr	Ser	Arg	Phe	Asn	Asp	Asn	Arg	Leu	Leu
1				5					10					15	

6248

Cys Leu Ser Phe Asp Ile Leu Gln Ile Ser Lys Cys Ile Leu Leu His
20 25 30

Leu Glu Gly Asn Phe Val Val Leu Arg Lys Cys Xaa Gln Lys Met Lys
35 40 45

<210> 7039

<211> 99

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (69)

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<222> (79)

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6249

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<400> 7039

Glu	Asp	Leu	Tyr	Tyr	Lys	Ile	His	Val	Phe	Thr	Ser	Val	His	Gly	Thr
1				5					10					15	

Phe	Ser	Lys	Ile	Asp	His	Met	Ile	Gly	His	Lys	Thr	Ser	Leu	Ser	Lys
			20					25					30		

Phe	Lys	Lys	Ile	Lys	Ile	Ile	Leu	Ser	Thr	Leu	Ser	Glu	His	Ile	Gly
		35					40					45			

Ile	Lys	Ile	Arg	Lys	Gln	Leu	Xaa	Lys	Gly	Thr	Leu	Gln	Asn	His	Lys
	50					55					60				

Ile	Cys	Ala	Xaa	Xaa	Thr	His	Xaa	Leu	Gln	Ile	Lys	Gly	Leu	Xaa	Xaa
65					70					75				80	

Val	Leu	Pro	Ala	Xaa	Gly	Lys	Gln	Xaa	Xaa	Ala	Gly	Xaa	Xaa	Lys	Pro
				85					90					95	

Gly Phe Cys

<210> 7040

<211> 63

<212> PRT

<213> Homo sapiens

<220>

6250

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7040

Leu	Leu	Ser	Pro	Leu	Leu	Leu	Trp	Lys	Val	Lys	Phe	Leu	Asp	Pro	Arg
1				5				10					15		

Phe	Asn	Phe	Lys	Ile	Val	Asn	Leu	Ile	Met	Ser	Gly	Gly	Asn	Leu	Leu
			20					25					30		

Lys	Lys	Thr	Leu	Cys	Ser	Thr	Ser	Leu	Val	Ala	Leu	Cys	Leu	Xaa	Met
		35					40					45			

Thr	Phe	Arg	Leu	Pro	Val	Gln	Lys	Met	Glu	Asp	Ile	Lys	Leu	Cys
	50					55					60			

<210> 7041

<211> 17

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7041

Gly	Arg	Glu	Lys	Glu	Trp	Asn	His	Val	Lys	Phe	Ser	Val	Xaa	Pro	Xaa
1				5					10				15		

Xaa

<210> 7042

<211> 38

<212> PRT

6251

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7042

Xaa	Lys	Thr	Xaa	Phe	Leu	Gly	Leu	Xaa	Leu	Cys	Ser	Leu	Leu	Gln	Asp
1				5				10						15	

Leu	Leu	Cys	Ser	Val	Asn	Ile	Xaa	Cys	Trp	Val	Gln	Leu	His	Ala	Pro
			20				25					30			

Cys	Cys	Xaa	Phe	Thr	Cys
					35

<210> 7043

<211> 69

<212> PRT

<213> Homo sapiens

<220>

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<222> (35)

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<220>

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6252

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7043

Leu	Pro	Gln	Ala	Gln	Pro	Val	Ser	Arg	Leu	Gln	Leu	Arg	Pro	Leu	Leu
1				5					10					15	

Asn	Ser	Leu	Tyr	Val	Val	Gln	Ser	Glu	Ser	Pro	Ser	Gln	Ser	Thr	Asn
			20					25						30	

Leu	Leu	Xaa	Leu	Leu	Cys	Phe	Lys	Pro	Phe	Xaa	Gly	Ser	Tyr	Phe	Gln
		35					40						45		

Leu	Asp	Glu	Val	Gln	Ala	Cys	Xaa	Arg	Ala	Val	Arg	Val	Thr	Trp	Pro
	50					55					60				

Asp	Pro	Pro	Leu	Ile
65				

<210> 7044

<211> 55

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7044

Ala	Xaa	Xaa	Ile	Arg	Ala	Ala	Leu	Glu	Leu	Gly	Tyr	Met	Ala	Asn	Ile
1				5					10					15	

Phe	Ser	Lys	Phe	Ser	Glu	Leu	Asn	Leu	Lys	Phe	Gln	Gly	Tyr	Ala	Ile
			20					25					30		

Ser	Lys	Arg	Lys	Ser	Thr	Leu	Ser	Arg	Asn	Ile	Val	Leu	Ala	Asn	Ile
		35						40					45		

6254

<220>

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<221> SITE

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<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7046

Lys	Phe	Ser	Ala	Gly	Gln	Thr	Lys	His	Ile	Cys	Glu	Leu	Asn	Val	Glu
1				5					10					15	

Val	Ile	His	Leu	Lys	Pro	Leu	Leu	Gly	Xaa	Phe	Phe	Ser	Thr	Glu	Phe
			20					25					30		

Ser	Gln	Leu	Ser	Arg	Val	Gly	Thr	Tyr	His	Lys	Gly	Xaa	Lys	Arg	Val
		35					40					45			

Val	Pro	Arg	Gly	Pro	Val	Gly	Val	Gly	Val	Xaa	Pro
	50					55				60	

<210> 7047

<211> 72

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

6255

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<222> (31)
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<400> 7047
Thr Ala Xaa Cys Ala Lys Leu Ala Lys Gly Trp Cys Ile Trp Gln Gly
1 5 10 15
Ser Ile Leu Ile His Cys His Phe Phe Phe Phe Gly Xaa Xaa Xaa Ser
20 25 30

6256

Pro His Xaa Xaa Xaa Glu Lys Lys Pro Gly Arg Lys Gly Xaa Glu Xaa
 35 40 45

Glu Xaa Phe Phe Pro His Leu Ala Leu Leu Ser Xaa Glu Arg Leu Gly
 50 55 60

Pro Pro Val Phe Phe Pro Xaa Pro
 65 70

<210> 7048

<211> 41

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7048

Met Gln Gly Val Pro Leu Asn Gly Tyr Trp Cys Asn Pro Gly Gln Lys
 1 5 10 15

Ile Val Val Val Trp Xaa Arg Ile Met Gly Ser Arg Phe Gly Glu Thr
 20 25 30

Gly Xaa Glu Leu Gly Arg Thr Arg Lys
 35 40

<210> 7049

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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<220>

/ <221> SITE

6257

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7049

Ile	Val	Lys	Leu	Ser	Val	Thr	Val	Tyr	Thr	Ser	Val	Ser	Val	Thr	Leu
1				5					10					15	

Ile	Asn	Val	Ser	Leu	Leu	Leu	Gln	Met	His	Cys	Ile	Gly	Lys	Ala	Arg
			20					25					30		

Gly	Ser	Gly	Ile	His	Arg	Thr	Gly	Ser	Gln	Asn	Ile	Xaa	Gln	Val	Ile
		35					40					45			

Phe	Val	Gln	Gly	Asn	Gly	His	Xaa	Tyr	Gly	Ser	Ser
	50					55					60

<210> 7050

<211> 40

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

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<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7050

Xaa	Phe	Phe	Gly	Thr	Arg	Arg	Ser	Pro	Arg	Thr	Glu	Ala	Xaa	Gln	Gly
1				5					10					15	

Lys	Pro	Leu	Xaa	Leu	Pro	Val	Asn	Lys	Asn	Val	Val	Gly	Lys	Met	Gln
			20					25					30		

Thr	Val	Gly	Trp	Ile	His	His	Leu
		35				40	

<210> 7051

6258

<211> 65
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> (3)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (33)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
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 <222> (55)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7051
 Ser Leu Xaa Xaa Leu Ser His Thr His Leu Leu Thr Ile Glu Thr Gly
 1 5 10 15
 Asn Leu Xaa Ser Leu Leu Lys Gly Tyr Ser Glu Ala Thr Trp Ala Val
 20 25 30
 Xaa Lys Thr Ile His Lys Gln Tyr Gly Met Phe Val Ser Asp Asn Arg
 35 40 45
 Leu Gly Tyr Pro Leu Thr Xaa Trp Asn Pro Ala Ser Ala Leu Gly Ser
 50 55 60

Pro
 65

<210> 7052
 <211> 50
 <212> PRT
 <213> Homo sapiens

6259

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7052

Lys Arg Gln Val Leu His Gln Glu Arg Arg Leu Leu Arg Arg Gly Glu
1 5 10 15

Leu Ser Gln Ile Leu Leu Ser Phe Tyr Leu Thr Asp Ile Phe Ser Pro
20 25 30

Tyr Xaa Pro Ser Asn Leu Asn Asn Ile Tyr Trp Thr Leu Leu Thr Arg
35 40 45

Phe Thr
50

<210> 7053

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7053

Ala Thr Phe Ser His Val Asn Leu Xaa Leu Ser Ser Gln Val Gln Leu
1 5 10 15

Leu Xaa Leu Pro Val Gln Tyr Leu Phe Arg Thr Gln Ser Ser Xaa Gly
20 25 30

Val Asn

6260

<210> 7054

<211> 53

<212> PRT

<213> Homo sapiens

<220>

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<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7054

Ala	Glu	Pro	Ala	Trp	Pro	His	Leu	Leu	Ala	His	Gly	Xaa	Gly	Cys	Pro
1				5					10					15	

Ala	Glu	Ala	Leu	Ala	Xaa	Ser	Tyr	Trp	His	Ser	Ser	Phe	Xaa	Arg	Ile
			20					25					30		

Ser	Ile	Leu	Thr	Glu	Ser	Phe	Cys	Arg	Ser	Cys	Glu	Leu	Asn	Tyr	Asn
		35					40					45			

Ser	Lys	Leu	Trp	Lys
				50

<210> 7055

<211> 45

<212> PRT

<213> Homo sapiens

<220>

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<222> (7)

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<220>

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<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

6261

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7055

Trp	Lys	Trp	Ala	Glu	Asn	Xaa	Pro	Phe	Pro	Arg	Leu	Gln	Cys	Val	Arg
1				5			10					15			

Xaa	Lys	Glu	Arg	Gly	Lys	Lys	His	Asn	Gly	Leu	Met	Val	Glu	Asp	Arg
			20				25					30			

Phe	Ile	Xaa	Lys	Lys	Thr	Asn	Pro	Arg	Xaa	Ala	Ser	Gly
		35				40					45	

<210> 7056

<211> 20

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7056

Glu	Ala	Arg	Lys	Xaa	Pro	Leu	Lys	Ser	Leu	Phe	Lys	Ser	Thr	Gly	Gln
1				5			10					15			

Glu	Gly	Xaa	Xaa
			20

6262

<210> 7057

<211> 103

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7057

Ser	His	Cys	Thr	Gln	Pro	Pro	Leu	Phe	Leu	Phe	Lys	Cys	Xaa	Val	Ser
1				5					10					15	

Lys	Pro	Asn	Gln	Pro	Phe	Ser	Thr	Ala	Ser	Ile	Ile	Lys	Ser	Thr	Glu
			20					25					30		

Thr	Asp	Val	Leu	Ser	Leu	Asn	Met	Asn	His	Asp	Ile	Phe	Ser	Tyr	Xaa
		35					40					45			

Xaa	Phe	Asp	Met	Asn	Ser	His	Thr	Tyr	Lys	Asn	Ser	Val	Tyr	Leu	Lys
	50					55					60				

Gly	Phe	Tyr	Glu	Asn	Tyr	Phe	Arg	Phe	Asn	Phe	Ile	Asp	Glu	Ala	Phe
65					70					75					80

Thr	Arg	Lys	Glu	Thr	Leu	Leu	Tyr	Leu	Ala	Asp	Val	Ser	Val	Gln	Phe
				85					90					95	

Arg	Ile	Gln	Gln	Asn	Phe	Leu
						100

<210> 7058

<211> 31

<212> PRT

<213> Homo sapiens

<220>

6263

<221> SITE
<222> (9)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (25)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (31)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7058
Arg Val Gln Arg Pro Arg Gly Arg Xaa Cys Leu Ile Phe Ser Asn Asn
1 5 10 15
Ser Gln Glu Ala Arg Trp Leu Gln Xaa Val Lys Glu Arg Arg Xaa
20 25 30

<210> 7059
<211> 111
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<220>
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6264

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<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (35)

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<222> (36)

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<220>

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<222> (38)

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<222> (41)

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<220>

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<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (64)

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<220>

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<222> (80)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (90)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

6266

<221> SITE
<222> (28)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (37)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7060
Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Xaa Ser Xaa
1 5 10 15
Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Xaa Thr Gly Lys Thr
20 25 30
Gln Gly Ser Pro Xaa
35

<210> 7061
<211> 78
<212> PRT
<213> Homo sapiens

<220>
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<222> (6)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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6267

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<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (27)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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6268

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (68)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7061

Thr	Thr	Ser	Trp	Gly	Xaa	Pro	Gly	Phe	Ile	Xaa	Xaa	Ala	Xaa	Xaa	Asn
1				5				10						15	

Pro	Xaa	Lys	Xaa	Phe	Xaa	Gly	Phe	Xaa	Leu	Xaa	Lys	Phe	Phe	Trp	Pro
			20					25						30	

Phe	Lys	Lys	Xaa	Lys	Lys	Ile	Xaa	Asn	Xaa	Xaa	Pro	Xaa	Phe	Leu	Lys
			35					40					45		

Lys	Phe	Xaa	Pro	Xaa	Leu	Ser	Pro	Pro	Trp	Glu	Ile	Phe	Gly	Leu	Lys
			50				55				60				

Phe	Asn	Leu	Xaa	Phe	Trp	Gly	Gly	Phe	Gly	Gly	Lys	Lys	Phe
65					70					75			

<210> 7062

<211> 24

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

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<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

6269

<400> 7062

Ala Ala Arg Ala Ala Xaa Gly Gly Ala Arg Tyr Pro Xaa Arg Pro Ile
 1 5 10 15

Met Xaa Arg Ile Thr Ile His Trp
 20

<210> 7063

<211> 87

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (69)

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<220>

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<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (82)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7063

Cys Ile Leu Xaa Gly Val Gly Asn Met Val Val Gly Met Ala Gly Ala
 1 5 10 15

His Thr Thr Lys Leu Leu Gly Pro Asp Pro Ser Gly Asp Thr Ser Leu
 20 25 30

Val Pro Leu Val Asn Ile Trp Val Gly Leu Leu Leu Thr Val Met Thr
 35 40 45

Ala Val Ser Val Gly Met Val Leu Ile His Gly Val Thr Val Ile Thr
 50 55 60

Thr Met Asp Thr Xaa Trp Trp Pro Thr Gly Tyr Cys Xaa Asp Trp Leu
 65 70 75 80

6270

His Xaa Met Asp Val Ile Gly
85

<210> 7064

<211> 84

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

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<220>

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<220>

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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (42)

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<220>

6271

<221> SITE

<222> (76)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7064

Pro Leu Xaa Gly Gly Ala Asn Leu Gly Trp Asp Leu Arg Leu Ser Xaa

1

5

10

15

Gly Ile Val Arg Glu Arg Xaa Phe Phe Pro Lys Ala Cys Phe Leu Asn

20

25

30

Tyr Pro Leu Gly Val Asn Xaa Thr Ile Xaa Thr Pro Pro His Thr Leu

35

40

45

Pro Phe Glu Gln Phe Ser Gln Leu His Leu Val Thr Ser Ile Ile Ser

50

55

60

Pro Leu Pro Lys Phe Arg Phe Xaa Ile Xaa Xaa Xaa Xaa Pro His Pro

65

70

75

80

Arg Gly Lys Ser

<210> 7065

<211> 51

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

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6272

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<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7065

Arg	Xaa	Asp	Val	Asn	Cys	Leu	Lys	Ser	Gly	Trp	Ala	Glu	Asp	Leu	Gly
1				5					10					15	

Ser	Xaa	His	Ala	Ile	Trp	Asn	Thr	Asp	Xaa	Pro	Xaa	Leu	Ala	Xaa	Val
		20					25						30		

Gly	Leu	Phe	Leu	Xaa	Phe	His	Thr	Ser	Pro	Arg	Pro	Leu	Gly	Thr	Ser
		35					40					45			

Ala	Lys	Leu
	50	

<210> 7066

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6273

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7066

Ser	Ile	Ser	Leu	His	Xaa	Trp	Glu	Xaa	Xaa	Arg	Glu	Leu	His	Arg	Gly
1				5				10					15		

Gly	Ala	Phe	Xaa	Leu	Xaa	Leu	Gly	Thr	Ser	Pro	Gly	Cys	Asp	Ala	Asn
			20					25					30		

Ile

<210> 7067

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7067

Arg	His	Glu	Gly	Thr	Arg	Gly	Gly	Pro	Val	Pro	Asn	Ser	Pro	Tyr	Ser
1				5				10						15	

Glu	Ser	Tyr	Tyr	Asn	Ser	Leu	Ala	Val	Val	Leu	Gln	Arg	Arg	Asp	Trp
			20					25					30		

Glu	Thr	Gln	Lys	Xaa	Xaa
					35

<210> 7068

<211> 38

<212> PRT

<213> Homo sapiens

6274

<220>

<221> SITE

<222> (3)

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<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7068

Arg His Xaa Gly Thr Thr Gly Gly Pro Val Pro Asn Ser Pro Xaa Ser

1

5

10

15

Xaa Ser Tyr Tyr Asn Ser Leu Ala Val Val Xaa Gln Arg Arg Asp Trp

20

25

30

Asp Xaa Pro Xaa Leu Pro

35

<210> 7069

<211> 75

<212> PRT

<213> Homo sapiens

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<400> 7069

Phe	Phe	Tyr	Arg	Ile	Val	Leu	Cys	Leu	His	Phe	Thr	Ser	Leu	Ser	His
1				5					10					15	

Phe	Gln	Cys	Phe	Ala	Val	Trp	Val	Lys	Leu	Ile	Pro	Phe	Gln	Phe	Pro
			20					25					30		

Asn	Pro	Leu	Xaa	Xaa	Thr	Ala	Phe	Thr	Pro	Glu	Lys	Thr	Phe	Lys	Val
		35					40					45			

Ser	Phe	Pro	Leu	Tyr	Xaa	Trp	Glu	Phe	Pro	Glu	Asn	Phe	Pro	Xaa	Asn
		50				55					60				

Pro	Ala	Leu	Gly	Trp	Val	Phe	Pro	Phe	Xaa	Xaa
65					70					75

<210> 7070

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 1 5 10 15

 Ala Thr Leu Xaa Glu Ile Trp Xaa Pro Xaa Ile Leu Ser Asp Phe Xaa
 20 25 30

 Val Thr Gln Leu Leu Asn Cys Gln Ala Arg Xaa Ser Leu Gly Gln Gly
 35 40 45

 Asn Leu Xaa Glu Asn Pro
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6277

<210> 7071

<211> 34

<212> PRT

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<400> 7071

Ile	Asp	Ile	Ala	Val	Ile	Lys	Lys	Ala	Ile	Asn	Gly	Gln	Val	Val	Leu
1				5					10					15	

Ile	Ile	Ile	Cys	Phe	Xaa	Leu	Ile	Tyr	Xaa	Cys	Xaa	Pro	Val	His	Xaa
			20					25					30		

Ile Xaa

<210> 7072

<211> 118

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 1 5 10 15

 Ala Trp Phe Pro Phe Ala Ser Phe Ser Val Val Asn Thr Cys Ser Leu
 20 25 30

 Ser Gly Gly Lys Met Gly Ser Ser Ser Tyr Trp Cys Pro Cys Ser Phe
 35 40 45

 Lys Leu Val Asn Gln Asn Pro Ser Ile Thr Thr Phe Pro Val Ser Trp
 50 55 60

 Trp Asp Trp Ile Trp Thr Val Leu Tyr Val Cys Leu Leu Leu His Gln
 65 70 75 80

 Ser Cys Met Gly Ala Met Ile Phe His Ala Ser Leu Gly Leu Xaa Ser
 85 90 95

 Ile Phe His Glu Xaa Pro Leu Xaa Asn Glu Phe Ile Phe Tyr Lys Phe
 100 105 110

 Xaa Asn Ser Leu Ala Xaa
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6279

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<400> 7073

His	Leu	Ser	His	Lys	Ile	Tyr	Glu	Arg	Phe	Glu	Phe	Tyr	Arg	Ser	Ile
1				5					10					15	

Pro	Lys	Gln	Lys	Thr	Leu	Ser	Leu	Phe	Phe	Phe	Xaa	Leu	Lys	Lys	Xaa
			20					25					30		

Asn	Asn	Tyr	Phe	Pro	Phe	Cys	Cys	Ile	Val	Pro	Ser	Lys	Xaa	Ile	Cys
		35				40						45			

Ala	Ala	Gln	Ile	Met	Gly	Trp	Val	Xaa	Pro
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<211> 135

<212> PRT

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<400> 7074

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1				5					10					15	

Leu	Xaa	Xaa	Arg	Xaa	Arg	Pro	Phe	Pro	Leu	Gly	Gln	Pro	Lys	Gly	Xaa
			20					25					30		

Xaa	Xaa	Xaa	Arg	Xaa	Lys	Lys	Pro	Leu	Gly	Ser	Gln	Ile	Pro	Xaa	Xaa
			35				40					45			

Lys	Asp	Leu	Xaa	Lys	Thr	Gln	Xaa	Arg	Xaa	Gln	Xaa	Pro	Pro	Leu	Thr
	50					55					60				

Gln	Arg	Xaa	Lys	Phe	Gly	Gly	Gly	Ser	Lys	Arg	Gln	Phe	Xaa	Phe	Leu
65					70					75					80

Gly	Gln	Lys	Phe	Xaa	Gln	Phe	Leu	Gly	Asn	Gln	Lys	Lys	Xaa	Gly	Leu
				85					90					95	

Lys	Ile	Xaa	Phe	Leu	Lys	Glu	Pro	Ser	Leu	Pro	Xaa	Arg	Xaa	Ile	Phe
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6284

100	105	110
Lys Xaa Pro His Ile Phe Tyr Xaa Xaa Glu Lys Lys Xaa Thr Xaa Pro		
115	120	125
Leu Gly Xaa Xaa Lys Ser Xaa		
130	135	

<210> 7075

<211> 118

<212> PRT

<213> Homo sapiens

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<400> 7075

Xaa	Pro	Gly	Xaa	Ala	Leu	Cys	Pro	Glu	Xaa	Thr	Gln	Gln	Pro	Xaa	Thr
1				5					10					15	

Xaa	Leu	Asn	Xaa	Val	Gly	Ile	Leu	Gln	Asn	Xaa	Ser	Xaa	Xaa	Lys	Leu
		20						25					30		

Xaa	Lys	Pro	Val	Leu	Lys	Leu	Ile	Pro	Trp	Pro	Gly	Xaa	Ser	Ile	Pro
		35					40					45			

Xaa	Xaa	Pro	Ala	Asn	Asp	Pro	Ser	Xaa	Ile	Ala	Leu	Asn	Asp	Xaa	Pro
		50				55					60				

Phe	Xaa	Thr	Ile	Arg	Gln	Gly	Arg	Glu	Gly	Ser	Lys	Thr	Xaa	Xaa	Pro
65					70					75					80

Ser	Pro	Phe	Thr	Gln	Xaa	Lys	Ile	Gln	Xaa	Trp	Gly	Pro	Pro	Lys	Leu
				85					90					95	

Gly	Xaa	Leu	Gly	Xaa	Xaa	Tyr	Arg	Lys	Val	Thr	Pro	Glu	Leu	Thr	Gly
		100						105					110		

Arg Gly Leu Lys Ile Phe

6287

115

<210> 7076

<211> 41

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<400> 7076

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1 5 10 15

Ser Xaa Val Val Gly Lys Phe Xaa Ile Thr Phe Leu Tyr Lys His Val
20 25 30

6288

Glu Ser Xaa Arg Ile Gln Ser Xaa Tyr
35 40

<210> 7077

<211> 64

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<400> 7077

Pro	Xaa	Leu	Val	Pro	Xaa	Gly	Glu	Ile	Phe	Gly	Asp	Pro	Trp	Gly	Asn
1				5					10					15	

Pro	Xaa	Ala	His	Arg	Xaa	Lys	Ser	Pro	Cys	Xaa	Gly	Gly	Ser	Gln	Pro
			20					25					30		

Trp	Ala	Arg	Lys	Thr	Gly	Pro	Pro	Leu	Xaa	Xaa	Phe	Xaa	Lys	Gly	Arg
			35					40					45		

Arg	Val	Xaa	Ile	Ser	Xaa	Gly	Ile	Ser	Lys	Thr	Leu	Xaa	Arg	Lys	Ser
		50				55					60				

<210> 7078

<211> 34

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<400> 7078

Val	Trp	Gly	Lys	Leu	Thr	Phe	Leu	Xaa	Gln	Asn	Ser	Lys	Ala	Pro	Ser
1				5				10					15		

Xaa	Val	Lys	Gly	Arg	Pro	Phe	Arg	Val	Lys	Xaa	Xaa	Lys	Pro	Arg	Ala
			20					25					30		

Pro Ser

<210> 7079

<211> 66

<212> PRT

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<400> 7079

Thr	Ala	Ser	Ser	Gln	Ser	Pro	Ser	Asp	Asp	Xaa	Ser	Gly	Phe	Gln	Trp
1				5				10					15		

Xaa	Pro	Arg	Leu	Lys	Leu	Ser	Gly	Phe	Pro	Pro	Thr	Phe	Ser	Pro	Lys
			20					25					30		

Gly	Glu	Ile	Ala	Met	Arg	Phe	Ala	Thr	Ala	Gly	Ser	Pro	Ser	Val	Arg
		35					40					45			

Asn	Leu	Arg	Leu	Cys	Tyr	Pro	Trp	Cys	Leu	Gly	Ala	Val	Phe	Leu	Thr
		50					55					60			

Val Ile

65

6291

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<400> 7080

Xaa	Lys	His	Xaa	Ile	Xaa	Xaa	Thr	Gln	Xaa	His	Pro	Xaa	Phe	Xaa	Xaa
1				5					10					15	

Leu	Xaa	Val	Leu	Asn	Leu	Gly	Thr	Lys	Xaa	Leu	Pro	Gln	Phe	Phe	Lys
			20					25					30		

Lys	Pro	Xaa	Glu	Leu	Val	Ser	Pro	Ile	Pro	Xaa	Xaa	Asn	Trp	Xaa	Pro
		35					40					45			

Xaa	Arg	Xaa	Lys	Lys	Xaa	Gly	Leu	Gly	Pro	Leu	Gly	Leu	Thr	Leu	Gly
	50					55					60				

Lys	Lys	Gly	Leu	Xaa	Xaa	Ser	Pro	Lys	Xaa	Pro	Xaa	Ile
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<210> 7081

<211> 55

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6294

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<400> 7081

Ala	Lys	Lys	Xaa	Xaa	Pro	Phe	Leu	Ala	Xaa	Arg	Gly	Lys	Lys	Asp	Pro
1				5					10					15	

Lys	Lys	Ala	Phe	Lys	Xaa	Asn	Pro	Pro	Pro	Glu	Lys	Thr	Pro	Gly	Thr
			20					25					30		

Xaa	Arg	Leu	Asn	Pro	Leu	Lys	Gly	Asn	Gln	Ala	Phe	Lys	Lys	Arg	Lys
		35					40						45		

Ala	Thr	Asn	Pro	Pro	Val	Pro
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Xaa Xaa Trp Gly Ser Phe Arg Gly Ala Pro Arg Lys Xaa Lys Arg Xaa
20 25 30

Pro Leu Xaa Pro Xaa Xaa Leu Ser Ser Pro His Gly Gly Pro Phe Xaa
35 40 45

Leu Lys Lys Gly Xaa Lys Leu Pro Lys Pro Pro Lys Pro Phe Glu Xaa
50 55 60

Xaa Arg Asn Phe Pro Phe Pro Pro Xaa Xaa Gly Gly Gly Pro Xaa Pro
65 70 75 80

Pro Asn Phe Leu Xaa Lys Lys Xaa Phe Pro Pro Leu Gly Lys Asp Leu
85 90 95

Gln Ile Gly Phe Gly Gln Arg Pro Leu Xaa Ile Xaa Asn Lys Ala Thr
100 105 110

Xaa Gly Gly Lys Xaa Thr Gln Lys Ser Leu Gly Gly Xaa Thr Pro Arg
115 120 125

Pro Glu Xaa Ala Pro Thr Arg Pro Leu Ala Phe Gly Asn Gln Leu Gly
130 135 140

Leu Pro Asn Gln Xaa Ile Pro
145 150

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<400> 7083
Arg His Glu Gly Gly Pro Trp Xaa Pro Asn Ser Pro Leu Ser Ala Cys
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Ser Ser Val Ile Tyr His Ile Xaa Asn Leu Gly Pro Gly Xaa Xaa Phe
20 25 30
Ser Pro Asn Arg Ser Gly Cys Asn Leu Gly Gly Lys Xaa Pro
35 40 45

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6299

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<400> 7084

Thr	Lys	Gly	Pro	Xaa	Xaa	Lys	Lys	Gly	Gly	Leu	Ser	Leu	Xaa	Lys	Thr
1				5				10						15	

Xaa	Lys	Ile	Trp	Glu	Ile	Lys	Xaa	Phe
		20					25	

<210> 7085

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<400> 7085

Lys	Arg	Gly	Pro	Pro	Leu	Gly	Lys	Lys	Leu	Glu	Leu	His	Arg	Gly	Gly
1				5					10					15	

Gly	Arg	Ser	Thr	Thr	Asn	Trp	Ile	Pro	Arg	Ala	Ala	Gly	Xaa	Leu	His
			20				25						30		

Glu	Xaa	Ala	Glu	Trp	Tyr	Val	Trp	Ser	Xaa	Ser	Arg	Xaa	Lys
		35					40					45	

6300

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<211> 25

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<400> 7086

Xaa	Arg	Xaa	Val	Gly	Leu	Gly	Xaa	Xaa	Val	Val	Ala	Arg	Arg	Trp	Pro
1				5					10					15	

Gly	Trp	Cys	Trp	Arg	Ala	Trp	Pro	Val
			20				25	

<210> 7087

<211> 116

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<400> 7087

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1

5

10

15

Asn Gly Val Phe Pro Ser Val Thr Xaa Xaa Ile Ser Trp Xaa His Pro

20

25

30

Ile Ile Pro Xaa Xaa Xaa Thr Thr Xaa Asn Phe Pro Xaa Gly Gly Pro

35

40

45

Xaa Xaa Arg Val Lys Xaa Cys Leu Ile Leu Glu Gln Lys Xaa Phe Pro

50

55

60

Trp Gly Gly Ser Asn Pro Leu Trp Pro Ile Met Phe Gly Ser Arg Trp

65

70

75

80

Leu Gly Pro Leu Ala Trp Gly Phe Leu Leu Gly Asn Xaa Ser Leu Pro

85

90

95

Phe Xaa Xaa Gly Thr Xaa Pro Cys Leu Ala Ile Pro Leu Phe Phe Gln

100

105

110

Ser Ser Leu Trp

115

<210> 7088

<211> 130

6303

<212> PRT

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<400> 7088

Xaa	Xaa	Lys	Lys	Xaa	Gly	Lys	Lys	Xaa	Pro	Ser	Xaa	Xaa	Leu	Phe	Pro
1				5				10					15		

Gln	Gly	Phe	Lys	Xaa	Val	Trp	Xaa	Pro	Lys	Lys	Gly	Phe	Asn	Pro	Xaa
			20					25					30		

Xaa	Asn	Leu	Xaa	Pro	Phe	Pro	Xaa	Xaa	Phe	Gly	Glu	Thr	Xaa	Xaa	Leu
		35					40					45			

6306

Asn Xaa Gly Lys Ile Xaa Xaa Gly Gly Gly Phe Phe Xaa Ile Trp Xaa
 50 55 60

 Phe Pro Pro Pro Lys Xaa Xaa Leu Xaa Lys Lys Thr Pro Pro Pro Xaa
 65 70 75 80

 Phe Phe Xaa Gly Gly Lys Lys Arg Xaa Phe Pro Lys Lys Asn Phe Gly
 85 90 95

 Xaa Xaa Ile Phe Phe Leu Lys Asn Leu Lys Pro Pro Pro Pro Phe Gly
 100 105 110

 Lys Thr Phe Gly Gly Glu Thr Gln Thr Pro Lys Pro Lys Gly Pro Phe
 115 120 125

 Phe Lys
 130

<210> 7089

<211> 74

<212> PRT

<213> Homo sapiens

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<400> 7089

Thr	Leu	Glu	Arg	Ser	Leu	Gly	Leu	Xaa	Asn	Ile	Xaa	Lys	Ile	Xaa	Glu
1				5				10					15		

Trp	Ser	Trp	Ala	Leu	Lys	Xaa	Thr	Tyr	Gln	Glu	His	Gln	Glu	Asn	Ser
			20				25					30			

Ile	Xaa	Ile	Gln	Tyr	Lys	Ser	Tyr	Xaa	Ser	Arg	Pro	Ile	Ile	Ser	Phe
		35					40					45			

Glu	Leu	Glu	Lys	Pro	Asn	Gly	Glu	Pro	Leu	Thr	Gln	Ile	Asn	Thr	Leu
	50					55					60				

Ser	Phe	Ser	Gln	Leu	Gly	Ala	Arg	His	Leu
65					70				

<210> 7090

<211> 17

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<400> 7090

Val	Phe	Phe	Phe	Phe	Phe	Xaa	Phe	Glu	Lys	Cys	Asn	Ile	Phe	Pro	Xaa
1				5				10					15		

Phe

<210> 7091

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<400> 7092

Phe	Arg	Val	Ile	Leu	Leu	Pro	Lys	Asp	Gly	Lys	Ile	Lys	Ser	Arg	Thr
1				5					10					15	

Lys	Ser	Asn	Xaa	Xaa	Glu	Xaa	Xaa	Ser	Ile	Ser	Ser	Thr	Tyr	Cys	Gly
			20					25					30		

Ile	Thr	Ala	Thr	Lys	Ala	Leu	Asp	Gly	Lys	Ile	Ile	Leu	Ser	Cys	Phe
		35					40					45			

Leu	Cys	Phe	Lys	Xaa	Ser	Pro	Arg	Ser	Asn	Val	Xaa	Gly	Leu	Gly	Thr
	50					55					60				

Gly	Ile	Ile	Xaa	Leu	Gln	Leu	Xaa	Leu	Lys	Asn	Ser	Gly	Tyr	His	Ser
65					70					75					80

6310

Trp Xaa

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<400> 7093

Xaa	Leu	Xaa	Xaa	Ser	Pro	Ile	Ile	Lys	Gly	Thr	Xaa	Ala	Gly	Xaa	Ser
1				5				10						15	

Thr Glu Ser Gly Gly Arg Ser Arg Thr Ser Gly Ser Pro Gly Leu Gln

6311

20 25 30
 Glu Phe Xaa Thr Ser Xaa Ile
 35

 <210> 7094
 <211> 71
 <212> PRT
 <213> Homo sapiens

 <400> 7094
 Arg Met Ser Tyr Leu Lys Gly Met Cys His Leu Leu Cys Asn Cys Ile
 1 5 10 15

 Pro Thr Arg Ser Tyr Ile Asn Val Leu Arg Gln Gln His Leu Trp Ser
 20 25 30

 Lys Cys Gln Ala Ser Arg Gly Thr Leu Val Lys Gly Ser Ser Gly Leu
 35 40 45

 Ile Trp Ile Cys Arg Phe Leu His Phe Cys Tyr Lys Ile Tyr Ser Pro
 50 55 60

 Leu Lys Leu Pro Leu Val Leu
 65 70

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<400> 7095

Cys	Ala	Xaa	Ala	Xaa	Leu	Leu	Thr	Lys	Gly	Thr	Asn	Ser	Ala	Pro	Pro
1				5					10					15	

Pro	Lys	Val	Ala	Ala	Xaa	Leu	Glu	Leu	Val	Asp	Pro	Pro	Gly	Cys	Arg
			20					25					30		

Ser	Ser	Pro	Arg	Ala	Ala	Lys	Gln	Xaa	Xaa	Arg	Xaa	Cys	Xaa	Cys	Arg
		35					40					45			

Gly	Val	Tyr	His	Ala	Phe	Lys	Lys
	50					55	

<210> 7096

<211> 37

<212> PRT

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<400> 7096

Ala	Ala	Arg	Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6313

1 5 10 15
 Val Ser Arg Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr
 20 25 30
 Gly Xaa Pro Lys Xaa
 35

<210> 7097

<211> 41

<212> PRT

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<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7097

Xaa Pro His Gln Gln Lys Glu Leu Leu Xaa Ser Met Phe Gly Lys Gln
 1 5 10 15

Pro Gly Gln Gly Arg Asn Ser Arg Gly Asn Xaa Lys Met Val Leu Phe
 20 25 30

6314

Pro Asn Pro Xaa Xaa Xaa Pro Asn Val
 35 40

<210> 7098

<211> 35

<212> PRT

<213> Homo sapiens

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<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7098

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
 1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Xaa Val Thr Gly Lys Pro
 20 25 30

Lys Xaa Xaa
 35

<210> 7099

<211> 43

<212> PRT

<213> Homo sapiens

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<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

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6315

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7099

Xaa	Xaa	Asn	Ser	Xaa	Gly	Lys	Val	Thr	His	Trp	Trp	Gly	Ala	Leu	Asn
1				5					10					15	

Ser	Gly	Ser	Gly	Gly	Cys	Arg	Ile	Arg	His	Glu	Leu	Xaa	Pro	Xaa	Ser
			20					25					30		

Val	Xaa	Tyr	Xaa	His	Leu	Leu	Pro	Pro	Cys	Xaa
			35				40			

<210> 7100

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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6316

<222> (31)

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<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7100

Ala	Arg	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg	Ile	Thr	Ile
1				5				10					15		

His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Asn	Pro	Xaa	Xaa
			20				25						30		

Xaa

<210> 7101

<211> 23

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7101

6317

Ala Arg Ala Glu Phe Gly Thr Arg Phe Phe Phe Phe Xaa Gly Xaa
 1 5 10 15

Leu Phe Xaa Xaa Ile Thr Leu
 20

<210> 7102

<211> 27

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7102

Leu Phe Ile Xaa Arg Asp Xaa Gly Ala His Asn Cys Xaa Val Asp Ile
 1 5 10 15

Asp Leu Xaa Cys Glu Asn Ile Ser Thr Leu Glu
 20 25

<210> 7103

<211> 85

<212> PRT

<213> Homo sapiens

<220>

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6318

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<222> (36)

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<222> (37)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (79)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7103

Leu	Leu	Leu	Leu	Cys	Asn	Ala	Xaa	Arg	His	Xaa	Pro	Trp	Asp	His	Val
1				5				10					15		

Ser	Phe	Asn	Lys	His	Ile	Gln	Xaa	Ala	Leu	Xaa	Glu	Leu	Met	Ala	Ser
			20					25					30		

Lys	Ala	Gln	Xaa	Xaa	Cys	Phe	Lys	His	Ser	Ala	Ile	Ser	Xaa	His	His
			35					40					45		

6319

Leu Leu Ala Ser Ile Cys Ser Val Gly Phe Leu Pro Ser Ser Leu Met
 50 55 60
 Thr Gly Leu Tyr Xaa Lys Lys Leu Pro Pro Glu Thr Tyr Leu Xaa Leu
 65 70 75 80
 Ser Leu Leu Cys Leu
 85

<210> 7104

<211> 70

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7104

Arg Ser Leu Phe His Val Gly Lys Leu Leu Ala Ile Ser Val Ser Cys
 1 5 10 15
 Val Tyr Ala Tyr Val Thr Glu Cys Leu Lys Phe Leu Gln Lys Leu Ser
 20 25 30
 Lys Gln Lys His Thr Glu Val His Leu Leu Gly Glu Asp Ile Val Gly
 35 40 45
 Leu Ile Ile Tyr Pro Gly Thr Leu Arg Asn Glu Met Glu Ala Gly Asn
 50 55 60
 Xaa Asp Gly Met Gln Ile
 65 70

<210> 7105

<211> 37

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6320

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7105

Ala Ala Arg Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile

1

5

10

15

Val Ser Arg Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr

20

25

30

Gly Lys Xaa Lys Xaa

35

<210> 7106

<211> 94

<212> PRT

<213> Homo sapiens

<220>

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<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (76)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (81)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6321

<221> SITE

<222> (85)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (88)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7106

Ala	Pro	Pro	Cys	Gly	His	His	Pro	Cys	Arg	Ile	Ile	Cys	Glu	Asn	Asn
1				5				10					15		

Pro	Xaa	Pro	Arg	His	Xaa	Gly	Gln	Leu	Ser	Phe	Val	Ala	Leu	Glu	Ile
			20				25						30		

Xaa	Gly	Val	Pro	Pro	Leu	Asp	Pro	Arg	Ala	His	Ser	Pro	Ser	Thr	Thr
		35				40					45				

Xaa	Val	Ser	Ala	Ala	His	Gln	Ile	Val	Pro	Thr	Lys	Lys	Met	Leu	Cys
	50					55					60				

Glu	Pro	Ile	Cys	Val	Ala	Asn	Arg	His	Gly	Glu	Xaa	Ala	Asp	Phe	Gln
65					70					75					80

Xaa	Arg	Leu	Pro	Xaa	Val	Thr	Xaa	Lys	Pro	Glu	Leu	Gly	Ser
				85				90					

<210> 7107

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7107

6322

Gly Val Phe Leu Xaa Thr Ser Gly Ser Xaa Gly Leu Asp Glu Cys Gly
 1 5 10 15

Pro Ser Tyr Gly Xaa Val Pro His Pro Pro Pro Cys Ser Pro Glu Pro
 20 25 30

Pro

<210> 7108

<211> 79

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (73)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7108

Trp Cys Gly Gly Ser Trp Glu Leu Cys Ser Phe Gly Pro Gln Thr Pro
 1 5 10 15

Pro Glu Ser Ala Val Cys Ala Phe Ile Asp Val Pro Leu Leu Cys His
 20 25 30

Val Leu Ser Gln Ala Val Ala Ala Ala Cys Ser Ala Leu Phe Phe Ile
 35 40 45

Leu Glu Pro Asp Glu Leu Leu Thr Val Asp Ser Val Ile Ser Phe Arg
 50 55 60

Met Pro Ala Pro Cys Pro Cys Ser Xaa Val Phe Ser Val Leu Pro
 65 70 75

<210> 7109

<211> 27

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6323

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7109

Ile	Ser	Xaa	Leu	Val	Tyr	Val	Asn	Phe	Glu	Arg	Leu	His	Asp	Phe	Leu
1				5					10					15	

Thr	Xaa	Ile	Asp	Leu	Asp	Ala	Val	Glu	Val	Val
			20				25			

<210> 7110

<211> 43

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

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<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7110

Ser	Cys	Arg	Met	Xaa	Leu	Xaa	Leu	Lys	Gly	Thr	Lys	Ala	Gly	Ser	Ser
1				5				10					15		

Thr	Ala	Ser	Gly	Gly	Xaa	Ser	Arg	Thr	Ser	Gly	Ser	Pro	Gly	Leu	Gln
			20				25						30		

Glu	Phe	Xaa	Xaa	Ser	His	Leu	Pro	Val	Ile	Arg
			35				40			

6324

<210> 7111

<211> 32

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7111

Lys	Xaa	Asn	Gly	Gly	Leu	Asp	Leu	Asn	Xaa	Val	Xaa	Xaa	Gly	Leu	Gly
1				5				10					15		

Xaa	Ala	Pro	Pro	Lys	Lys	Ser	Phe	Phe	Phe	Ser	Glu	Leu	Xaa	Gly	Ser
			20				25						30		

<210> 7112

6325

<211> 69
 <212> PRT
 <213> Homo sapiens

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<220>
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 <222> (46)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (65)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 7112
 Gly His Ser Leu Gly Lys Gly Ala Leu Xaa Phe Gly Ser Cys Gly Lys
 1 5 10 15

Met Ser Pro Pro Glu Arg Glu Ala Ala Leu Asn Xaa Val Xaa Thr Trp
 20 25 30

6326

Ala Val Gly Leu Thr Ser Xaa Gln His Xaa Xaa Lys Gly Xaa Gly Gly
 35 40 45

Leu Leu Pro Ala Leu Ile Lys Gly Gln Asn Phe Pro Pro Phe Gln Lys
 50 55 60

Xaa Gly Leu Pro Leu
 65

<210> 7113

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7113

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
 1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Xaa Xaa
 20 25 30

Lys Xaa

<210> 7114

<211> 77

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (49)

6327

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7114

Val	Phe	Phe	Ser	Phe	Leu	Gln	Leu	Leu	Asp	Asn	Ala	Leu	Pro	Tyr	Gly
1				5					10					15	

Trp	Ala	Gln	Lys	His	Ser	Lys	Phe	Trp	Gly	Ser	Phe	Leu	Ser	Gln	Phe
			20						25					30	

Leu	Val	Glu	Gly	Trp	Gly	Ile	Pro	Val	Leu	Lys	Arg	Ile	Ser	Tyr	Ala
		35					40						45		

Xaa	Ile	Val	Ile	Val	Ile	Leu	Thr	Thr	Arg	Arg	Pro	Ala	Leu	Ile	Ile
	50					55					60				

Leu	Ser	Ser	Phe	Leu	Gln	Met	Phe	His	Leu	Gly	Pro	Xaa
65					70					75		

<210> 7115

<211> 32

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7115

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1					5					10				15	

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Asp	Xaa	Lys
			20						25					30	

<210> 7116

<211> 46

<212> PRT

<213> Homo sapiens

6328

<400> 7116

Arg Tyr Tyr Lys Gly Arg Phe Ile Phe Lys Leu Gln Phe Leu Lys Val
 1 5 10 15

Ile Ile Asp Ser Val Val His Ser Ile Val Ile Asn His Trp Val Ser
 20 25 30

Ser Val Ile Phe Val Tyr Gln Met Ile Asn Phe Gln Phe Arg
 35 40 45

<210> 7117

<211> 61

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7117

Ser Leu Ile His Val Arg Val Ser Glu Phe Ile His Leu Ser Glu Phe
 1 5 10 15

Arg Asn Phe Thr Leu Lys Leu Asn Phe His Tyr Ile Gln Ala Val Val
 20 25 30

Glu Phe Phe Ser Glu Ser Leu Ile Xaa Phe Leu Ile Xaa Lys Ile Pro
 35 40 45

Ile Val Ser Ser Ile Asn Ala Leu Ile Lys Tyr Cys Thr
 50 55 60

<210> 7118

<211> 32

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (31)

6329

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7118

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10					15	

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Asp	Xaa	Xaa
			20					25					30		

<210> 7119

<211> 20

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7119

Ala	Arg	Val	Phe	Phe	Phe	Phe	Leu	Gly	Gly	Pro	Lys	Phe	Tyr	Xaa	Leu
1				5					10					15	

Phe	Xaa	Lys	Lys
		20	

<210> 7120

<211> 65

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (9)

6330

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (51)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7120

Leu	Gly	Cys	Ser	Phe	Leu	Ile	Ile	Xaa	Tyr	Ile	Thr	Glu	Asn	Trp	Thr
1				5				10						15	

Phe	Thr	Phe	Ser	Tyr	Leu	Ala	Phe	Pro	Phe	Asn	Pro	Lys	Ile	Ser	Val
			20				25					30			

Phe	Ser	Ser	Xaa	Lys	Arg	Ser	Pro	Phe	Gln	Leu	Trp	Xaa	Gln	Pro	Pro
			35				40					45			

Trp	Xaa	Xaa	Ile	Lys	Leu	Pro	Leu	Leu	Xaa	Phe	Leu	Asn	Ile	Trp	Asn
	50					55					60				

Leu
65

<210> 7121

<211> 58

<212> PRT

<213> Homo sapiens

<220>

6331

<221> SITE

<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7121

Gly	Ser	Arg	Leu	Glu	Xaa	Asp	Leu	Gly	Arg	Arg	Gln	Ser	Leu	Thr	Pro
1				5				10					15		

Ile	Gly	Val	Arg	Xaa	Glu	Asp	Leu	Leu	His	Ser	Ser	Ser	Val	Asp	Asn
			20					25					30		

His	Asn	Gly	Xaa	Pro	Arg	Lys	Gly	Leu	Ser	Cys	Phe	Gly	Leu	Leu	Xaa
		35					40					45			

Val	Xaa	Ala	Val	Xaa	Cys	His	Ser	Gly	Xaa
	50					55			

<210> 7122

<211> 37

6332

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7122

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5				10					15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Pro
			20					25					30		

Asn	Xaa	Xaa	Xaa	Xaa	Xaa
					35

<210> 7123

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7123

Leu	Ser	Trp	Thr	Glu	Val	Cys	Gln	Ser	Arg	Tyr	Cys	Ile	Thr	Ile	Leu
1					5				10					15	

Leu	Val	Leu	Thr	Val	Phe	Thr	Xaa	Leu	Asn	Gly	Lys	Pro	Thr	Gly	Tyr
				20					25					30	

6334

20

25

30

Xaa

<210> 7125

<211> 91

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

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6335

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7125

Met Gly Val Leu Val Thr Ala Lys Arg Leu Arg Ser Val Pro Thr Pro
 1 5 10 15

Val Xaa Phe Pro Gly Arg Gly Arg Leu Ser Arg Arg Glu Arg Lys Ala
 20 25 30

Xaa Xaa Gly Xaa Lys Val Met Arg Gly Xaa Lys Glu Asp Thr Glu Thr
 35 40 45

Leu Lys Val Glu Pro Val Trp Thr Gln Xaa Lys Glu Ser Leu Arg Ile
 50 55 60

Ser Met Xaa Glu Lys Glu Lys Lys Arg Ile Ser Arg Ile Val Leu His
 65 70 75 80

Xaa Leu Leu Val Lys Ala Pro Gly Asn Xaa His
 85 90

<210> 7126

<211> 64

<212> PRT

<213> Homo sapiens

<220>

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<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7126

Glu Cys Arg Pro Pro Glu Asn Gln Ala Glu Asp Cys Gly Val Arg Cys
 1 5 10 15

Pro Arg Xaa Val Ser Ala Ser Ser Gly Ala Thr Ser Lys Ser Ser Ser
 20 25 30

Met Asn Pro Thr Glu Thr Lys Ser Leu His Arg Gly Lys Glu Arg Asn
 35 40 45

Glu Lys Leu Ile Leu Leu Met Glu Thr Phe Ala Glu Lys Asn Leu His
 50 55 60

6336

<210> 7127

<211> 23

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7127

Ile Asn Ala Ser Xaa Leu Xaa Thr Pro Xaa Leu Ile Tyr Xaa Gly Leu

1

5

10

15

Asn Phe Cys Leu Leu Cys Ala

20

<210> 7128

<211> 33

<212> PRT

<213> Homo sapiens

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<220>

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6337

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7128

Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg	Ile	Thr	Ile
1				5				10					15		

His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Pro	Lys	Xaa	Xaa
			20					25					30		

Xaa

<210> 7129

<211> 38

<212> PRT

<213> Homo sapiens

<220>

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<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7129

Gly	Thr	Arg	Gly	Gly	Pro	Val	Pro	Asn	Ser	Pro	Tyr	Ser	Glu	Ser	Tyr
1				5				10					15		

Tyr	Asn	Ser	Leu	Ala	Val	Val	Leu	Gln	Arg	Arg	Asp	Trp	Val	Lys	Pro
			20					25					30		

6338

Xaa Xaa Ser Phe Xaa Xaa
35

<210> 7130

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7130

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5				10					15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Xaa	Pro
			20					25					30		

Lys

<210> 7131

<211> 16

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7131

Gly	Lys	Arg	Pro	Thr	Ala	Ser	Ile	Xaa	Thr	Cys	Asn	Xaa	Ser	Cys	Xaa
1				5				10					15		

6339

<210> 7132

<211> 43

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7132

Asn	Leu	Thr	Lys	Gly	Thr	Lys	Leu	Asn	Phe	His	Arg	Gly	Gly	Xaa	Ala
1				5				10						15	

Val	Xaa	Lys	Leu	Leu	Asp	Xaa	Pro	Gly	Leu	Gln	Gly	Ile	Pro	Glu	Gln
			20					25					30		

Pro	Lys	Met	Ala	Glu	Val	Gln	Val	Leu	Gly	Cys
		35					40			

<210> 7133

<211> 43

<212> PRT

<213> Homo sapiens

<220>

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<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7133

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10				15		

6340

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
 20 25 30

Gln Thr Phe Ser Phe Pro Leu Tyr Xaa Pro Thr
 35 40

<210> 7134

<211> 78

<212> PRT

<213> Homo sapiens

<220>

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<222> (42)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7134

Asn Pro Pro Ser Gly Glu Ile Ser Leu Gly Pro Ser Asn Phe Gln Phe
 1 5 10 15

Phe Asn Gln Pro Lys Thr Pro Thr Pro Gln Asn Leu Tyr Phe Phe Tyr
 20 25 30

Phe Lys Asn Pro Phe Lys Xaa Pro Asn Xaa Gly Gly Pro Ile Pro Pro
 35 40 45

Pro Leu Phe Xaa Phe Glu Lys Pro Xaa Gly Gly Gly Pro Xaa Phe Leu
 50 55 60

6341

Lys Phe Leu Phe Trp Gly Gly Phe Phe Pro Gly Leu Ser Leu
 65 70 75

<210> 7135

<211> 54

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7135

Thr His Xaa Cys Leu Thr Val Ala Glu Leu Phe Glu Leu Leu Ile Gln
 1 5 10 15

Cys Xaa Leu Xaa Phe Asn Arg Ser Asn Pro Leu Pro Tyr Pro Leu Xaa
 20 25 30

6342

Ala His Val Phe Leu Thr Leu Pro Gly Cys Xaa Asn Asn Ser Pro Xaa
 35 40 45

Xaa Trp Ser Phe Pro Gln
 50

<210> 7136

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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<222> (8)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7136

Pro Pro Leu Trp Pro Val Gly Xaa Ser Pro Glu His Cys Ala Val Gly
 1 5 10 15

Pro Ser Trp Ser Xaa Leu Leu Xaa Gly Thr Val Glu Arg Pro Ser Ser
 20 25 30

Ser Lys

<210> 7137

<211> 82

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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6343

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6344

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 <222> (79)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7137
 Leu Xaa Gly Leu Asn Xaa Thr Pro Arg Arg Gly Gly Arg Ser Xaa Ile
 1 5 10 15

 Val Asp Pro Pro Gly Cys Xaa Asn Ser Ala Arg Ala Glu Arg Thr Ser
 20 25 30

 Leu Cys Tyr Glu Phe Xaa Ser Leu His Xaa Lys Val Lys Phe Ser Xaa
 35 40 45

 Met Ile Leu Leu Ala Val Xaa Xaa Arg Xaa Ser Val Thr Val Xaa Leu
 50 55 60

 Thr Xaa Xaa Ser Trp Xaa Thr Ser Ala Arg Ile Leu Ser Pro Xaa Ser
 65 70 75 80

 Ala Ala

<210> 7138
 <211> 53
 <212> PRT
 <213> Homo sapiens

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6345

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 <222> (49)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <222> (53)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7138
 Gly Gly Gly Arg Leu Gly Gly Arg Gly Xaa Pro Ala Xaa Xaa Leu Lys
 1 5 10 15

 Glu Lys Thr Leu Lys Phe Gly Gly Lys Phe Ser Pro Pro Arg Gly Gly
 20 25 30

 Ala Trp Ala Lys Gly Gly Lys Xaa Ser Arg Gly Xaa Asn Gly Lys Gly
 35 40 45

 Xaa Glu Lys Ile Xaa
 50

 <210> 7139
 <211> 38
 <212> PRT
 <213> Homo sapiens

 <220>
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6346

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<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE
<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (29)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7139
Xaa Tyr Trp Gly His Ile Gln His Ser Leu Trp Leu Ser Thr Pro Xaa
1 5 10 15
Asn Arg His Pro Xaa Ala Gln Glu Leu Met Gly Leu Xaa Leu Arg Leu
20 25 30
Tyr Ala Arg Ala Ser Arg
35

<210> 7140
<211> 46
<212> PRT
<213> Homo sapiens

<220>
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<222> (5)
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<222> (7)
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<220>

6347

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<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7140

Leu Phe Glu Leu Xaa Pro Xaa Trp Ile Lys Thr Gly Ala Pro Pro Pro
1 5 10 15

Xaa Arg Pro Leu Xaa Asn Asn Gly Ser Pro Gly Leu Gln Glu Ile Arg
20 25 30

His Glu Leu Arg Leu Arg Val Ser Pro Leu Arg Xaa Arg Leu
35 40 45

<210> 7141

<211> 34

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (11)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

6348

<400> 7141

Ser Leu Lys Xaa Ile Thr Xaa Ile Leu Ser Xaa Ser Ile Pro Lys Thr
 1 5 10 15

Gly Val Arg Ser Pro Lys Gly Ser Thr Pro Xaa Tyr Xaa Leu Leu Ser
 20 25 30

Thr Thr

<210> 7142

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

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<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7142

Gly Gly Gly Xaa Leu Leu Xaa Phe Arg Ala Xaa Gly Gly Xaa Lys Ala
 1 5 10 15

Gly Leu His Arg Arg Gly Ser Arg Ser Lys Thr Asn Xaa Ser Pro Gly
 20 25 30

Leu

6349

<210> 7143

<211> 40

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7143

Ala	Val	Ala	Xaa	Ala	Leu	Xaa	Leu	Xaa	Asp	Pro	Xaa	Gly	Cys	Ile	Asn
1				5					10					15	

Ser	Ala	Arg	Ala	Asn	Val	Gln	Leu	Pro	Tyr	Gly	Ser	Ser	Leu	Asn	Pro
			20					25					30		

Gly	Ser	Ser	Asp	Thr	Ile	Xaa	Leu
			35				40

<210> 7144

<211> 54

<212> PRT

<213> Homo sapiens

<220>

6350

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<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7144

Ala	Thr	Thr	Trp	Xaa	Ser	Phe	Gln	Arg	His	Ser	Trp	Gly	Leu	Ser	Ile
1				5					10					15	

Gly	Leu	His	Ser	Thr	Xaa	Ile	Leu	Gln	Tyr	Arg	Thr	Phe	Asn	Gly	Ala
			20					25					30		

Val	Xaa	Val	Leu	Lys	Leu	Tyr	Phe	Ile	Ser	Lys	Ile	Xaa	Met	Val	Met
		35					40					45			

His	Ile	Ser	Glu	Leu	Ser
					50

<210> 7145

<211> 76

<212> PRT

<213> Homo sapiens

<220>

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<222> (38)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6351

<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7145

Ser Leu Gly Asp Ile Lys Val Pro Gly Asn Leu Leu Val Arg Glu Gly

1

5

10

15

Glu Arg Gly Glu Ser Cys Thr Glu Ser Lys Leu Gln Arg Phe Ala Glu

20

25

30

Asp Ser Ser Trp Ser Xaa Gln His Ser Met Gln Leu Met Phe Ile Gly

35

40

45

Ala Ser Tyr Leu Arg Phe Arg Gly Asn Tyr Thr Xaa Lys Asp Arg Arg

50

55

60

Asn Ser Ala Leu His Xaa His Arg Thr Glu Arg Lys

65

70

75

<210> 7146

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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<222> (11)

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<222> (39)

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<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

6352

<220>

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<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7146

Cys	Pro	Ser	Phe	Asn	Gly	Lys	Asn	Trp	Thr	Xaa	Arg	Xaa	Gly	Gly	Arg
1				5				10					15		

Ser	Arg	Ile	Val	Asp	Pro	Pro	Gly	Cys	Arg	Glu	Phe	Gly	Thr	Ser	Leu
			20				25						30		

Ser	Ser	Leu	Ser	Leu	Leu	Xaa	Gly	His	Arg	Leu	Xaa	Thr	Leu	Xaa	Trp
		35				40					45				

Gln	Ser	Leu	Thr	His	Xaa	Arg	Asp	Ala	Gln	Gly	Xaa
	50				55					60	

<210> 7147

<211> 101

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

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<220>

<221> SITE

<222> (73)

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<220>

6353

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 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7147
 Leu Arg Ile Arg Phe Cys Pro Val Ala Ser Arg Glu Ser Pro Gly His
 1 5 10 15

 Leu Asp Tyr Leu Ile Thr Ile Thr Pro Pro Ile Val Thr Gln Leu His
 20 25 30

 Thr Xaa Met Phe Leu Lys Ile Leu Asn Arg Xaa Ser Asn Pro Leu Gly
 35 40 45

 Asn Arg Leu Ser Thr Lys Xaa Ser Pro Pro Ile Trp Leu Leu Asn Leu
 50 55 60

 Ala Pro Ser Ser His Phe Thr Tyr Xaa Val Pro Val Pro Xaa Lys Xaa
 65 70 75 80

 Arg Met Glu Xaa Pro Ala Leu Xaa Pro Gly Pro Arg Pro Phe Tyr Ile
 85 90 95

 Xaa Ala Lys Lys Lys
 100

 <210> 7148
 <211> 54
 <212> PRT

6354

<213> Homo sapiens

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7148

Leu	His	Pro	Gln	Val	Glu	Lys	Met	Leu	Pro	Glu	His	Ala	Ala	Ala	Pro
1				5				10					15		

Ile	Ala	Ser	Cys	Leu	Ala	Lys	Thr	Asp	Pro	Gly	Asp	Ser	His	Glu	Thr
			20					25					30		

Thr	Val	Pro	Gly	Cys	Leu	His	Ser	Pro	Cys	Tyr	Val	Leu	Gly	Thr	Glu
		35					40					45			

Thr	Val	Asp	Xaa	Pro	Phe
		50			

<210> 7149

<211> 22

<212> PRT

<213> Homo sapiens

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<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

6355

<400> 7149

Xaa Xaa Val Ala Leu Leu Asn Val Tyr Asp Leu Phe Tyr Xaa Leu Arg
1 5 10 15

Ser Xaa Met Val Xaa Glu
20

<210> 7150

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7150

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Thr Pro
20 25 30

Lys Xaa

<210> 7151

<211> 76

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

6356

<400> 7151

Ser Ala Arg Val His Ser Glu Tyr Cys Gly Ser Pro Gly Lys Phe Val
1 5 10 15

His Arg Gly Tyr Cys His Phe Gly Lys Thr Leu Gly Cys Leu Val Arg
20 25 30

Arg Leu Gln Xaa Ala Glu Gly Gln Thr Thr Lys Gly Cys Phe Arg Val
35 40 45

Gln Leu Arg Arg Glu Xaa Gly His Gln Lys Lys Glu Pro Asp Trp Trp
50 55 60

Leu Tyr Leu His Pro Xaa Phe Lys Gln Trp Arg Ser
65 70 75

<210> 7152

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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6357

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7152

Gln	Thr	Thr	Leu	Phe	Arg	Xaa	Asn	Ala	Pro	Gly	Leu	Thr	Xaa	His	Gly
1				5					10					15	

Ala	Ala	Leu	Xaa	Pro	Phe	Thr	Xaa	Cys	Xaa	Xaa	Thr	Gln	Xaa	Ser	Lys
		20						25						30	

Thr Val

<210> 7153

<211> 60

<212> PRT

<213> Homo sapiens

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<222> (1)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7153

Xaa	Thr	Ile	Ala	His	Phe	Phe	Leu	Lys	Gln	Pro	Val	Lys	Gln	Xaa	Leu
1				5					10					15	

Ile	Ser	Asn	Ala	Arg	Leu	Ile	Tyr	Leu	Ser	Phe	Trp	Arg	Trp	Val	Leu
		20						25						30	

Tyr	Ser	Ser	Ser	Ser	Pro	Phe	His	Val	Pro	Pro	Asp	Leu	Leu	Val	Leu
		35						40						45	

Phe Phe Arg Tyr Ser Ile Xaa His Thr Phe Met Leu

6359

<400> 7155

Xaa Leu Lys Asp Lys Thr Asp Pro Arg Xaa Gly Arg Ser Asn Tyr Gly
1 5 10 15

Pro Arg Leu Gln Asn Ser Ala Arg Gly
20 25

<210> 7156

<211> 34

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<220>

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7156

Ala Ala Arg Xaa Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Ile Pro
20 25 30

Lys Xaa

<210> 7157

<211> 79

<212> PRT

<213> Homo sapiens

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6360

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6361

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<222> (76)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7157

Gly	Ala	Pro	Ala	Pro	Ser	Pro	Gly	Met	Arg	Ile	Leu	Gly	Tyr	Xaa	Ile
1				5				10						15	

Leu	Xaa	Xaa	Ser	Xaa	Ala	Thr	Xaa	Xaa	Xaa	Gly	Ser	Gly	Glu	Gly	Xaa
			20					25					30		

Thr	Trp	Asp	Leu	Xaa	Cys	Leu	Met	Xaa	Lys	Xaa	Xaa	Asp	His	Cys	Xaa
			35					40					45		

Thr	Ser	Val	Leu	Leu	Lys	Met	Ser	Gly	Ile	Arg	Xaa	Arg	Asp	Cys	Asn
	50					55					60				

Cys	Arg	Phe	Val	Thr	Asp	Thr	Xaa	Leu	Ser	Ile	Xaa	Ser	Ile	Ser	
	65					70					75				

<210> 7158

<211> 23

<212> PRT

<213> Homo sapiens

<220>

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<222> (6)

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<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

6362

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<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7158

Trp	Gly	His	Arg	Ala	Xaa	Xaa	Asn	Gln	Xaa	Pro	Lys	Xaa	Ile	Xaa	Xaa
1				5					10					15	

Thr	His	Pro	Val	Pro	Xaa	Leu
			20			

<210> 7159

<211> 65

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

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<222> (15)

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6363

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7159

Ala	Tyr	Lys	Lys	Glu	Lys	Glu	Gln	Ser	Gln	Glu	Arg	Thr	Xaa	Xaa	Lys
1				5				10						15	

Cys	Phe	Gly	Thr	Ser	Leu	Phe	Leu	Asp	Phe	Glu	Leu	Ser	Asn	Trp	Phe
			20					25					30		

Ser	Gln	Val	Lys	Leu	Lys	Asn	Ser	Glu	Thr	Trp	Phe	Tyr	Glu	Ser	Cys
		35				40						45			

Ser	Tyr	Thr	Phe	Leu	Xaa	Xaa	Gly	Pro	Xaa	Leu	Leu	Pro	Arg	Leu	Leu
	50					55					60				

Thr
65

<210> 7160

<211> 33

<212> PRT

<213> Homo sapiens

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<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7160

Leu	Val	Ser	Arg	Gly	Gly	Pro	Val	Pro	Asn	Ser	Pro	Tyr	Ser	Glu	Ser
1				5					10					15	

6364

Tyr Tyr Asn Ser Leu Ala Val Val Leu Asn Val Val Thr Gly Thr Xaa
 20 25 30

Xaa

<210> 7161

<211> 39

<212> PRT

<213> Homo sapiens

<220>

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<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7161

Tyr Xaa Ser Ile Thr Xaa Lys Gly Gln Thr Asp Ser Arg Gly Gly Ala
 1 5 10 15

Leu Glu Tyr Gly Pro Arg Leu Gln Ile Arg Arg Ala Gly Val Glu Xaa
 20 25 30

Xaa Leu Xaa Pro Glu Cys His
 35

<210> 7162

6365

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (31)

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<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7162

Arg	His	Glu	Gly	Gly	Pro	Val	Pro	Asn	Ser	Pro	Tyr	Ser	Glu	Ser	Tyr
1				5				10					15		

Tyr	Asn	Ser	Leu	Ala	Val	Val	Leu	Asn	Val	Val	Thr	Gly	Pro	Xaa	Xaa
			20					25						30	

Xaa

<210> 7163

<211> 84

<212> PRT

<213> Homo sapiens

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6366

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<222> (83)
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<400> 7163
Xaa Pro Ile Xaa Lys Xaa Xaa Arg Leu Cys Xaa Gln Asp Asn Arg Leu
1 5 10 15
Gly Asn Ser Ser Thr Arg Val Ala Lys Thr Gln Thr His Leu Leu Gly
20 25 30

6367

Leu Xaa His Xaa Ile Ala Ile Asn Xaa Phe Pro Cys Gly Leu Leu Xaa
 35 40 45
 Glu Glu Phe Ala Leu Leu Xaa Pro Ser Gly Val Pro His Ala Arg Xaa
 50 55 60
 Ser Cys Pro Cys Arg Pro Ile Leu Ile Tyr Arg Ala Thr Arg Lys Thr
 65 70 75 80
 Ile Cys Xaa Ser

<210> 7164

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<222> (10)

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<220>

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<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7164

Ala Ala Arg Ala Leu Pro Arg Arg Thr Xaa Glu Ile Thr Val Thr Xaa
 1 5 10 15

Ser Ser Ala Leu Val Arg Asn Arg Glu Gln Leu Arg Leu Ser Pro Lys
 20 25 30

Asn Leu Leu Glu Gly Leu Glu Lys Phe Leu Pro Leu Ile Pro Ala Xaa
 35 40 45

<210> 7165

6368

<211> 93
<212> PRT
<213> Homo sapiens

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<222> (87)
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<220>
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<400> 7165
Lys Asn Gln Ala Ala Gly Arg Glu Ser Leu Gln Ser Arg Xaa Glu Val
1 5 10 15
Glu Tyr Thr Arg Asp Gln Thr His Asp His Ser Ser Leu Gln Thr Phe
20 25 30
Leu Gly Xaa Gln Gln Pro Met Pro Ser Leu Gly Met Leu Pro Leu Cys
35 40 45
Cys Glu Glu Leu Ile Leu Val Phe His His Ser Gly Ser Asn Met Leu
50 55 60

6369

Xaa Pro Thr Ser Leu Asp Xaa Pro Gly Leu Thr Ile Ile Leu Xaa Phe
 65 70 75 80

Leu Phe Val Leu Ser Thr Xaa Ser Asn Asn Xaa Thr Ser
 85 90

<210> 7166

<211> 77

<212> PRT

<213> Homo sapiens

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<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (77)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7166

Glu Asn Arg Tyr Ser Ser Leu Ser Xaa Asn Asn Leu Ile Pro Pro Val
 1 5 10 15

Gln Leu Lys Tyr Leu Leu Gly Lys Tyr Tyr Cys Glu Arg Arg Asn Xaa
 20 25 30

6370

Tyr Xaa Tyr Ile Leu Thr Ile Arg His Leu Xaa Arg Lys His Thr Thr
35 40 45

Leu Xaa Tyr Leu Thr Asn Trp Lys Thr His Thr Ser Gly Ala Lys Leu
50 55 60

Gln Leu Arg His Leu Phe Leu Ala Val Arg Ser Ile Xaa
65 70 75

<210> 7167

<211> 51

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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6371

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7167

Ser Cys Arg Xaa Gly Thr Ser Xaa Ile Val His Xaa Met Leu Val Xaa
1 5 10 15

Ile Glu Asp Asn Xaa Asp Phe Arg Lys Xaa Leu Xaa Gly Cys Cys Phe
20 25 30

Tyr Asn Xaa Xaa Ser Thr Glu Arg His Lys Pro Gln Thr Ser Ser Ser
35 40 45

Pro Arg Thr
50

<210> 7168

<211> 35

<212> PRT

<213> Homo sapiens

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<222> (13)

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<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6372

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7168

Gly	Lys	Tyr	His	Ser	Pro	Ser	Ile	Leu	Thr	Lys	Gly	Xaa	Lys	Met	Thr
1				5					10					15	

Met	Cys	Met	Xaa	Cys	Asp	Ala	Thr	Thr	Leu	Xaa	Xaa	Arg	Xaa	Tyr	Thr
			20					25					30		

Lys	Glu	Lys
		35

<210> 7169

<211> 60

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7169

Pro	Leu	Tyr	Leu	Leu	His	Asn	Glu	Leu	Thr	Arg	Ile	Thr	Cys	Lys	Arg
1				5					10					15	

Ala	Lys	Leu	Arg	Pro	Arg	Asn	Xaa	Glu	Leu	Leu	Arg	Thr	Leu	Lys	Asp
			20					25					30		

Thr	Pro	Ser	Met	Cys	Lys	Tyr	Gly	Lys	Ile	Ile	Val	Ser	Thr	Thr	Thr
		35					40					45			

Ser	Cys	Asp	Thr	Gly	Val	Lys	Ile	Ile	Tyr	Ser	Leu
	50					55					60

<210> 7170

<211> 48

<212> PRT

<213> Homo sapiens

<400> 7170

Pro	Leu	Lys	Asp	Lys	Arg	Thr	Pro	Ala	Gly	Ala	Ala	Leu	Thr	Met	Asp
1				5					10					15	

Pro	Gly	Leu	Gln	Asn	Ser	Ala	Arg	Ala	Gln	Thr	Gly	Lys	Thr	Arg	His
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6373

	20		25		30										
Asn	Asp	Lys	His	Thr	Gly	Cys	Cys	Gly	Asp	Asn	Asp	Gln	Leu	Ser	Val
	35					40						45			

<210> 7171

<211> 92

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<220>

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<220>

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<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6374

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 <222> (87)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7171
 Gly Ile Xaa Val Pro Ser Leu Pro Val Ser Gly Leu Tyr Ala Xaa Arg
 1 5 10 15

 Gly Leu Xaa Ser Ala Asp Xaa Ile Ser Asp Tyr Val Tyr Thr Ser Ser
 20 25 30

 Thr Asn Cys Val Gln Leu Leu Gly Phe Trp Xaa Xaa Thr Pro Leu Pro
 35 40 45

 Gly His Ala Asp Asp Pro Gly Met Pro Lys Asn Ala Leu Arg Ser Pro
 50 55 60

 Asp Tyr Val Ser Trp Xaa Cys Tyr Met Pro Asn Leu Xaa Ser Ala Thr
 65 70 75 80

 Xaa His Met Ile Cys Thr Xaa Arg Asn Asp Thr Xaa
 85 90

 <210> 7172
 <211> 43
 <212> PRT
 <213> Homo sapiens

 <220>
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 <222> (2)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>

6375

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7172

Arg	Xaa	Xaa	Leu	Asp	Ser	Pro	Arg	Gly	Ala	Ala	Leu	Xaa	Tyr	Gly	Ser
1				5				10					15		

Pro	Gly	Cys	Met	Asn	Ser	His	Glu	His	Ala	Arg	Gly	Pro	Asn	Asn	Ser
			20					25					30		

Glu	Ala	Gly	Gly	Ile	Pro	Thr	Leu	Xaa	Leu	Asp
		35					40			

<210> 7173

<211> 72

<212> PRT

<213> Homo sapiens

<220>

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<222> (33)

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<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7173

Lys	Val	Cys	Ile	Glu	Tyr	Thr	Ser	Gly	Phe	Phe	Ala	Leu	Leu	Phe	Ala
1				5				10					15		

His	Cys	Ser	His	Val	Phe	Phe	Ile	Ala	Val	Ser	Lys	Asn	Ile	Leu	Asp
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6376

	20		25		30
Xaa	Tyr	Gly	Met	Leu	Phe
	35		40		45
		Phe	Ser	His	Gln
			Leu	Lys	Leu
				Leu	Lys
					Asn
Ile	Xaa	Tyr	Ile	Cys	Gly
	50		55		60
			Asp	Ser	Glu
			Arg	Ser	Ile
				Gly	Val
					Leu
Leu	Xaa	Val	Pro	Asn	Cys
	65		70		
			Leu	Leu	

<210> 7174

<211> 64

<212> PRT

<213> Homo sapiens

<400> 7174

Glu	Lys	Asn	Ile	Ser	Glu	Trp	Gly	Ile	Leu	Arg	Lys	Met	Ile	Asn	Thr
1			5					10					15		

Ala	Gln	Glu	Tyr	Lys	Lys	Glu	Ser	Lys	Ser	Tyr	Asn	Met	Ser	Leu	Leu
		20				25							30		

His	Ile	Tyr	His	Ser	Ser	Leu	Phe	Cys	Phe	Val	Leu	Asp	Asp	Ala	Lys
		35				40						45			

Leu	Arg	Gly	Leu	Ala	Ala	Pro	Ser	Asn	Leu	Ser	Met	Glu	Ser	Asp	Ser
	50					55					60				

<210> 7175

<211> 89

<212> PRT

<213> Homo sapiens

<220>

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<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

6377

<220>

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<222> (74)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (80)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (83)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7175

Asn Pro Glu Ser Glu Arg Gly Arg Asp Asp Gly Leu Gln Ala Ser Gly
 1 5 10 15

Pro Ser Arg Gly Pro Arg Ser Met Trp Leu Leu Pro Ser Leu Ser Val
 20 25 30

Leu Cys Val Ala Ser Ser Ser Leu Thr Gly Tyr Pro Ala Xaa Pro Ser
 35 40 45

Ser Phe Ser Ser Pro Thr Phe Pro Lys Gly Val Leu His Phe Tyr Phe
 50 55 60

Gly Xaa Asn Phe Ser Trp Gly Glu Asn Xaa Gly Trp Gly Leu Pro Xaa
 65 70 75 80

Lys Pro Xaa Gly Thr Phe Pro Ala Ile
 85

<210> 7176

<211> 64

<212> PRT

<213> Homo sapiens

<220>

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<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

6378

<220>

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<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7176

Thr	Ala	Ser	Gly	Ser	Trp	Asp	Lys	Leu	Gly	Phe	Thr	Leu	Ile	His	Asn
1				5				10					15		

Ser	Ile	Ser	Ser	Ser	Val	Phe	Pro	Phe	Pro	Thr	Leu	Arg	Phe	Leu	Cys
			20					25					30		

Cys	Arg	Trp	Ala	Gln	Xaa	Arg	Thr	His	Pro	Thr	Xaa	Pro	Gly	Xaa	Pro
			35					40					45		

Gly	Gly	Lys	Pro	Gly	Gly	Gly	Ala	Gly	Lys	Asn	Arg	Pro	Asn	Asp	Cys
	50					55					60				

<210> 7177

<211> 54

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7177

Asn	Phe	Glu	Gly	Ser	Leu	Arg	Lys	Pro	Leu	Asn	Trp	Lys	Ser	Leu	Ala
1				5					10					15	

Ala	Leu	Ser	Xaa	Ile	Ser	Val	Asn	Val	Ser	Lys	Glu	Leu	Met	Leu	Cys
			20					25					30		

Tyr	Leu	Ile	Lys	Pro	Ser	Thr	Met	Thr	Asp	Lys	Glu	Met	Glu	Ser	Pro
			35					40				45			

Glu	Met	Phe	Glu	Lys	Asp
	50				

<210> 7178

<211> 41

<212> PRT

6379

<213> Homo sapiens

<400> 7178

Arg	Met	Pro	Asn	Lys	Ala	Arg	Lys	Ser	Ile	Val	Thr	Cys	Ala	Leu	Arg
1				5					10					15	

Ala	Gln	Tyr	Leu	Tyr	Leu	Ile	Ser	Thr	Glu	Glu	Ile	Phe	Leu	Cys	Asn
			20					25					30		

Leu	Ile	Phe	Cys	Leu	Val	Leu	Val	Leu
			35				40	

<210> 7179

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7179

Leu	Phe	Phe	Asn	Thr	Cys	Val	Pro	Val	Asn	Ile	Met	Ser	Asn	His	Lys
1				5					10					15	

Cys	Leu	Ile	Gly	Trp	Ser	Xaa	Xaa	Val	Gly	Glu	Glu	Arg	Tyr	Arg	Ser
			20					25					30		

Cys	Leu	Ile	Ser	Ile	Ser	Cys	Ser	Ala	Leu	Lys	Ile	Phe	Ile
			35					40				45	

<210> 7180

<211> 112

<212> PRT

<213> Homo sapiens

<220>

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

6380

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

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6381

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 <220>
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 <400> 7180
 Asp Cys Phe Val Ser Ile Pro Ile Leu Tyr Ser Cys Ser Trp Xaa Asn
 1 5 10 15

 Xaa Asn Gln Ala Leu Ser Ile Leu Pro Lys Thr Xaa Val Cys Asp Ser
 20 25 30

 Ser Phe Gln Trp Leu Phe Ser Ile Pro Ser Xaa Arg Xaa Pro His Leu
 35 40 45

 Ser Ser Xaa Leu Pro Ser Ser Trp Thr Val Arg Cys Leu Phe Tyr Ser
 50 55 60

 Pro Phe Ser Ile Arg Val Trp Asp Gly Pro Lys Xaa Ser Ser Ser Leu
 65 70 75 80

 Asn Asn Ile Val Leu Asp Thr Xaa Ile Glu His Xaa Xaa Leu Leu Val
 85 90 95

 Ala Xaa Leu His Cys Ile Leu Val Tyr Gln Ile Xaa Pro Xaa Xaa Xaa
 100 105 110

<210> 7181
 <211> 63
 <212> PRT
 <213> Homo sapiens

6382

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (41)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7181

Leu	Asp	Phe	Cys	Met	Glu	Asn	Ile	Gln	Gly	Tyr	Ile	Ser	Leu	Phe	Leu
1				5				10					15		

Tyr	Ser	Arg	Glu	Gly	His	Leu	Val	Leu	Cys	Lys	Tyr	Val	Ala	Asp	Leu
			20					25					30		

Ser	Phe	Ser	Asp	Xaa	Arg	Ala	Pro	Xaa	Leu	Lys	Val	Phe	Leu	Asn	Ala
			35				40					45			

Trp	Lys	Glu	Asn	Val	Ile	Phe	Xaa	Glu	Ser	Asn	Ile	Phe	Ile	Ser
	50					55					60			

<210> 7182

<211> 18

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7182

6383

Leu Xaa Phe Ala Leu Ser Xaa Cys His Gly His Asp Ser Arg Ser Xaa
 1 5 10 15

Ser Lys

<210> 7183

<211> 38

<212> PRT

<213> Homo sapiens

<400> 7183

Asp Ile Asp Phe Trp His Asp Arg Val Arg Arg Leu Met Lys Pro Leu
 1 5 10 15

Pro Lys Lys Thr Ala Arg Lys Leu Glu Glu Asn Cys Gln Lys His Pro
 20 25 30

Phe Gln Leu Pro Lys Asn
 35

<210> 7184

<211> 35

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7184

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
 1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Pro
 20 25 30

Lys Xaa Xaa
 35

6384

<210> 7185

<211> 51

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7185

Cys	Cys	Gly	Leu	Cys	Val	Thr	Leu	Ser	His	Ile	Ile	Gln	Arg	Ile	Met
1				5					10					15	

Phe	Thr	Phe	Ile	Ala	Lys	Xaa	Ile	Cys	Leu	Met	Pro	Asn	Thr	Pro	Ser
			20					25					30		

Pro	Xaa	Ala	Pro	Arg	Pro	Gly	Val	Ser	Phe	Arg	Lys	Gly	Lys	Gly	Xaa
		35					40					45			

Gly	Leu	Tyr
	50	

<210> 7186

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (23)

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<220>

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<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

6385

<220>

<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7186

Lys	Glu	Lys	Gly	Lys	Cys	His	Lys	Lys	Leu	Glu	Tyr	Leu	Trp	Ser	Leu
1				5					10					15	

Lys	Pro	Trp	Asn	Leu	Leu	Xaa	Gly	Xaa	Val	Tyr	Xaa	Arg	Asn	Pro	Gly
			20					25					30		

Xaa

<210> 7187

<211> 20

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

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<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7187

Phe	Ile	Tyr	Xaa	Cys	Cys	Ala	Leu	Thr	Val	Pro	Xaa	Ile	Ile	Leu	Xaa
1				5					10					15	

6386

Tyr His Xaa Val
20

<210> 7188

<211> 16

<212> PRT

<213> Homo sapiens

<220>

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<222> (11)

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<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7188

Glu	Leu	Val	Ser	Ser	Phe	Phe	Phe	Phe	Phe	Xaa	Xaa	Xaa	Thr	Trp	Ile
1				5					10					15	

<210> 7189

<211> 60

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

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<220>

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<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6388

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<222> (34)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (36)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7191
Gly Glu Leu Leu Leu Gln Glu Thr Ala Asp Phe Gly Xaa Lys Leu Leu
1 5 10 15
Leu Xaa Xaa Ser Pro Gly Gly Thr Val Pro Thr Val Ser Trp Arg Asn
20 25 30
Asn Xaa Leu Xaa
35

<210> 7192
<211> 33
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<222> (11)

6389

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7192

Tyr	Ala	Leu	Ser	Lys	Leu	Thr	Xaa	Thr	Lys	Xaa	Asn	Lys	Ser	Trp	Xaa
1				5				10						15	

Ser	Thr	Gly	Gly	Gly	Gly	Gly	Xaa	Lys	Xaa	Xaa	Gly	Ser	Pro	Gly	Xaa
			20					25					30		

Lys

<210> 7193

<211> 55

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7193

Leu Val Pro Asn Ser Ala Arg Val Ser Pro Gly Ile Gln Ala Phe Arg

6390

1	5	10	15
Ala Thr Gly Pro Leu Asn Tyr Trp Pro Glu Leu Pro Thr Leu Pro Val			
	20	25	30
Gln Arg Leu Trp Cys Tyr Gly Gly Pro Leu His Ser Lys Ser Ser Xaa			
	35	40	45
Ile Ser Lys His Leu Leu His			
	50	55	

<210> 7194

<211> 92

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (6)

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<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (27)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (54)

6392

Val Phe Pro Ser Asn Xaa Xaa Lys Cys Xaa Glu Pro Arg Leu Leu Xaa
 50 55 60

Xaa Xaa Ala Xaa Xaa Phe His Leu Pro Trp Leu Leu Ile Pro Pro Lys
 65 70 75 80

Leu Gln Asn Pro Ile Leu Gly Xaa Asn Leu Ser Ala
 85 90

<210> 7195

<211> 46

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

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<220>

<221> SITE

<222> (30)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7195

Leu Tyr Xaa Leu Leu Ser Pro Asn Gln Val Tyr Met Trp Phe Asp Lys
 1 5 10 15

Tyr Tyr Ser Ile Leu Met Gly Ile Leu Met Gln Arg Ile Xaa Xaa Gly
 20 25 30

Ile Val Leu Glu Ile Tyr Lys Ile Lys Thr Val Cys Leu Ile
 35 40 45

<210> 7196

<211> 37

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

6393

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7196

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10				15		

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Thr
			20					25					30		

Gln	Ile	Xaa	Val	Xaa
			35	

<210> 7197

<211> 99

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

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<222> (17)

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<223> Xaa equals any of the naturally occurring L-amino acids

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6394

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<223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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<222> (70)
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<220>
<221> SITE

6396

Phe Leu Trp Xaa Pro Xaa Lys Xaa Xaa Val Xaa Phe Leu Thr Thr Gly
 65 70 75 80

Gly Gly Xaa Val Phe Xaa Thr Xaa Pro Xaa Lys Lys Lys Asn Xaa Pro
 85 90 95

Pro Phe Phe

<210> 7198

<211> 76

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (46)

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (61)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7198

Phe Ser Ser Leu Lys Leu Ser Leu Glu Tyr Leu Ser Leu Leu Leu Val
 1 5 10 15

Leu Trp Leu Leu Met Ile Leu Ala Phe Ser His Phe Asp Phe Val Leu
 20 25 30

Lys Lys Asn Phe Glu Pro Asn Asn Ile Pro Val Tyr Phe Xaa Pro Ile
 35 40 45

6398

<210> 7201

<211> 52

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7201

Xaa	Pro	Xaa	Val	Xaa	Asp	Lys	Leu	Phe	Pro	Lys	Asn	Gln	Asn	Met	Ser
1				5					10					15	

Trp	Ser	Trp	Thr	Phe	Lys	Pro	Val	Leu	Xaa	Val	Ile	Pro	Asn	Tyr	Gly
			20					25					30		

Lys	Ser	Val	Arg	Glu	Gln	Xaa	Ile	Leu	Pro	Lys	Asn	Glu	Xaa	Pro	Cys
			35					40				45			

Arg	Lys	Pro	Glu
			50

6399

<210> 7202

<211> 66

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

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<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

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1				5					10					15	

Asn	Pro	Thr	Xaa	Thr	Ser	Xaa	Xaa	Xaa	Xaa	Xaa	Trp	Xaa	Phe	Xaa	Ile
			20					25					30		

Phe	Leu	Pro	Pro	Ile	Ser	Tyr	Pro	Lys	Gln	Asn	Lys	Xaa	Pro	Phe	Ser
		35					40					45			

Ile	Ile	Ser	Xaa	Asn	Ile	Gln	Tyr	Cys	Pro	Cys	Gly	Ile	Phe	Leu	Asn
	50					55					60				

Ser	Leu
65	

<210> 7203

<211> 122

<212> PRT

<213> Homo sapiens

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<400> 7203

6403

Ser Cys Arg Ser Cys Arg Xaa Arg His Lys Arg His Glu Glu Gln Val
 1 5 10 15
 Xaa Asn Leu Ser Xaa Xaa Xaa Asn Thr Xaa Pro Val Cys Xaa Ser Thr
 20 25 30
 Cys Lys Leu Xaa Arg Cys Leu Leu Xaa Tyr Arg Phe Ile Ser Gln Thr
 35 40 45
 Thr Val His Xaa Cys Leu Pro Arg Glu Leu Gln Asp Xaa Ile Thr Phe
 50 55 60
 Asp Xaa Ser Xaa Xaa Ile Xaa Cys Xaa Lys Val Xaa Asn Phe Asn Phe
 65 70 75 80
 Leu Xaa Asn Ile Gln Leu Phe Asn Xaa Ser Xaa Ile Thr Ser Tyr Phe
 85 90 95
 Asn Leu Asn Leu Asn Tyr Arg Lys Val Ser Xaa Leu Ser Phe Glu Xaa
 100 105 110
 Leu Leu Pro Arg Phe Asn Phe Ser Ser Leu
 115 120

<210> 7204

<211> 40

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<400> 7204

Leu Leu Lys Arg Thr Lys Ser Trp Gly Pro Pro Ala Val Lys Xaa Arg
 1 5 10 15
 Phe Leu Thr Ser Gly Ser Pro Gly Leu Gln Glu Phe Gly Gly Thr Pro
 20 25 30
 Leu Pro Glu Lys Thr Val Xaa Val
 35 40

6404

<210> 7205

<211> 73

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<400> 7205

Gln Thr Met Phe Thr Thr Cys Arg Pro Ser Ile Arg Ile Phe Leu Gly

1

5

10

15

6405

Ser Leu Met Ile Tyr Leu His Ala Ile Cys Pro Gln Gln Ile Val Ser
 20 25 30

Gln Glu Trp Asn Xaa Gln Gly His Trp Xaa Cys Xaa Lys Val Xaa Lys
 35 40 45

Arg Ala Xaa His Pro Leu Lys Phe Arg Phe Val Asn Ile Xaa Leu Thr
 50 55 60

Asn Ser Asn Xaa Ala Met Xaa Phe Pro
 65 70

<210> 7206

<211> 32

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<400> 7206

Leu Leu Lys Gly Lys Xaa Trp Ala Pro Arg Gly Xaa Gly Arg Phe Leu
 1 5 10 15

Thr Ser Gly Ser Pro Gly Xaa Gln Gly Ile Arg Gly Xaa Pro Pro Cys
 20 25 30

6406

<210> 7207

<211> 74

<212> PRT

<213> Homo sapiens

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<400> 7207

Tyr Pro Asp Ile Pro Ala Leu Xaa Gln Arg Xaa Gly Leu Lys Lys Lys
1 5 10 15

Ser Thr Cys Ser Phe Arg Pro Gln Ala Gln Gln Xaa Gly Glu Ile Asn
20 25 30

6407

Cys Phe Trp Lys His Leu Gly Gly Val Trp Gly Trp Ala Xaa Lys Lys
 35 40 45

Gln Val Xaa Phe Asn Xaa Leu Leu Trp Lys Phe Cys Phe Ile Ile Ile
 50 55 60

Pro Phe Pro Leu Cys Tyr Thr Xaa Pro Xaa
 65 70

<210> 7208

<211> 61

<212> PRT

<213> Homo sapiens

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<400> 7208

Lys Arg Asn Trp Cys Val Asn Gln His Lys Ile Leu Glu Cys Ile Ser
 1 5 10 15

Ile Ser Ile Phe Ser Pro Thr Asn Pro Val Thr Val Val Asn Asn Gln
 20 25 30

Cys Val Asn Asn Glu Tyr Leu Phe Phe Thr Leu Phe Gln Gly Lys Thr
 35 40 45

Asn Ile Tyr Gly Thr Leu Pro Phe Glu Xaa Thr Leu Glu
 50 55 60

<210> 7209

<211> 17

<212> PRT

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6408

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7209

Ala	Ala	Arg	Thr	Xaa	Pro	Glu	Ser	Val	Ser	Cys	Xaa	Pro	Glu	Ile	Thr
1				5					10					15	

Xaa

<210> 7210

<211> 56

<212> PRT

<213> Homo sapiens

<400> 7210

Ala	Arg	Ala	Glu	Phe	Gly	Thr	Ser	Pro	Asn	Glu	Leu	Leu	Asp	Pro	Asp
1				5					10					15	

Cys	Val	His	Arg	Trp	Leu	Lys	Gln	Ser	Asp	Leu	His	Leu	Gly	Asp	Glu
			20					25					30		

Ile	Ile	Gln	Val	His	Arg	Asp	Pro	Ala	Ala	Leu	Asp	Gly	Ser	Gly	Cys
		35					40					45			

Ala	Thr	Leu	Thr	Val	Val	Met	Arg
	50					55	

<210> 7211

<211> 36

<212> PRT

<213> Homo sapiens

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<400> 7211

Leu	Lys	Val	Trp	Lys	Ala	Glu	Phe	Met	Lys	Lys	Asn	Xaa	Lys	Lys	Ala
1				5					10					15	

Xaa	Ser	Asn	His	Asp	Leu	Pro	Ile	Lys	Xaa	Xaa	Trp	Phe	Gly	Gly	Lys
			20					25					30		

Gly	Xaa	Val	Gly
			35

<210> 7212

<211> 33

<212> PRT

<213> Homo sapiens

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6410

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<400> 7212

Xaa	Leu	Leu	Lys	Gly	Gln	Lys	Leu	Xaa	Pro	His	Arg	Gly	Lys	Arg	Pro
1				5				10					15		

Leu	Leu	Xaa	Leu	Val	Asp	Pro	Pro	Gly	Cys	Arg	Lys	Phe	Gly	Asp	Xaa
			20					25					30		

Xaa

<210> 7213

<211> 86

<212> PRT

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<400> 7213

Ile	Cys	Pro	Gln	Asn	Pro	Leu	Asn	Pro	Leu	Val	Asn	Leu	Thr	Val	Ser
1				5				10				15			

6412

<210> 7215

<211> 85

<212> PRT

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<400> 7215

Gln	Gln	His	Leu	Asn	Thr	Thr	Thr	Phe	Gln	Lys	Ser	Ser	Lys	Phe	His
1				5				10						15	

Leu	Thr	Cys	Lys	Ala	Cys	Gly	Asn	Pro	Thr	Ser	Pro	Glu	Pro	Asp	Leu
			20				25					30			

Val	Val	Asn	Tyr	Leu	Glu	Pro	Pro	Asn	Lys	Ser	Thr	Trp	Lys	Gln	Asp
		35					40					45			

Thr	Thr	Tyr	Gly	Thr	Ile	Cys	Arg	Pro	Tyr	Gln	Pro	Pro	Asp	Thr	Ile
	50					55				60					

Ile	Ser	His	Phe	Asn	Cys	Leu	Pro	Leu	Lys	Xaa	Gly	Phe	Thr	Lys	Asn
65					70					75					80

Lys	Met	Val	Leu	Pro
				85

<210> 7216

<211> 67

<212> PRT

<213> Homo sapiens

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<400> 7216

Phe	Ser	Pro	Ser	Xaa	Cys	Leu	Gln	Xaa	Cys	Xaa	Val	Xaa	Asn	Leu	Thr
1				5				10						15	

Phe	Asp	Xaa	Lys	Thr	Tyr	Leu	Ile	Asn	Asp	Ser	Thr	Asn	Phe	Gly	Lys
			20					25					30		

Lys	Lys	Pro	Phe	Xaa	Lys	Leu	Xaa	Lys	Ile	Pro	Ile	Leu	Leu	Asn	Xaa
		35					40						45		

Pro	Pro	Ser	Gly	Thr	Arg	Glu	Val	Gln	Asn	Ser	Phe	Xaa	Phe	Gly	Leu
		50					55					60			

Tyr	Tyr	Phe
65		

6414

<210> 7217
<211> 61
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<400> 7217
Asp Thr Ala Glu Ile Ser Lys Phe Cys Leu Lys Ser Asp Lys Val Xaa
1 5 10 15
Val Ala Leu Ala Leu Xaa Lys Val Gly Asp Ile Phe Asp Tyr Ile Ser
20 25 30
Leu Tyr Leu His Ser Xaa Gln Ala Ser Ser Met Asp Cys Lys Asn Leu
35 40 45
Arg Glu Gln His Thr Xaa Leu Gln Ser Glu Gln Met Asn
50 55 60

<210> 7218
<211> 48
<212> PRT
<213> Homo sapiens

<220>
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<400> 7218

6415

Lys	Asn	Tyr	Ser	Ser	Phe	Ser	Asn	Arg	Ser	Phe	Thr	Leu	Asn	Phe	Ile
1				5					10					15	
Phe	Gly	Leu	Tyr	Phe	Lys	Ile	Ser	Lys	Tyr	Met	Lys	Pro	Tyr	Leu	Gln
			20					25					30		
Xaa	Ile	Ser	Phe	Gly	Phe	Arg	Leu	Thr	Leu	Phe	Trp	Asn	Ser	Glu	Asn
		35					40					45			

<210> 7219

<211> 116

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<400> 7219

Xaa	Leu	Gln	Xaa	Thr	Lys	Lys	Phe	Pro	Xaa	Phe	Tyr	Phe	Leu	Lys	Thr
1				5				10						15	

Ile	Leu	Xaa	Ile	Ser	Phe	Gly	Xaa	Arg	Xaa	Tyr	Ser	Leu	Phe	Leu	Leu
			20					25					30		

Lys	Ser	Leu	Leu	Trp	Pro	Leu	Val	Ser	Leu	Xaa	Phe	Leu	Ser	Gly	Xaa
		35					40					45			

Xaa	Asn	Xaa	Xaa	Gly	Ala	Phe	Ser	Arg	Phe	Ala	His	Ser	Thr	Xaa	Leu
	50					55					60				

Val	Lys	His	Asp	Leu	Cys	Val	Asn	Gly	Ile	Val	Trp	Thr	Pro	Trp	Xaa
65					70					75					80

Gly	Met	Leu	Gly	Lys	Thr	Lys	Glu	Gly	Pro	Glu	Leu	Pro	Thr	Ala	Gln
				85					90						95

Glu	Gly	Xaa	Xaa	Xaa	Ala	Pro	Xaa	Leu	Glu	Leu	Lys	Pro	Pro	Pro	Lys
		100						105						110	

Met	Xaa	Pro	Tyr
		115	

<210> 7220

<211> 55

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7220

Val	Phe	Phe	Phe	Leu	Ile	Phe	Cys	Ser	Ser	Trp	Phe	Val	Leu	Lys	Cys
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6418

1 5 10 15
Leu Thr Ile Trp Asn Val Lys Leu Leu His Val Leu Gln Ser Lys Ser
 20 25 30
Xaa Val Lys Ser Gly Xaa Val Lys Asn Ile Ile Pro Val Gly His Cys
 35 40 45
Pro His Phe Cys Ala Gly Gly
 50 55

<210> 7221

<211> 118

<212> PRT

<213> Homo sapiens

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6419

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<400> 7221

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1				5					10					15	

Val	Ile	Ile	Gly	Asp	Leu	Met	Xaa	Ser	Gln	Leu	Phe	Leu	Ser	Phe	Met
			20					25					30		

Asn	Ser	Gly	Ser	Lys	Lys	Xaa	Pro	Lys	Cys	Leu	Ser	Leu	Xaa	Xaa	Ile
		35					40					45			

Pro	Gly	Phe	Xaa	Gln	Xaa	Leu	Xaa	Ser	Phe	Trp	Xaa	Leu	Xaa	Xaa	Thr
	50					55					60				

Xaa	Ile	Pro	Phe	Xaa	Lys	Lys	Leu	Phe	Thr	Trp	Phe	Asp	Xaa	Asn	Pro
65					70					75					80

Gly	Ser	Ser	Ile	Ile	Tyr	Cys	Leu	Asn	Xaa	Gly	Pro	His	Thr	Xaa	Pro
			85					90						95	

Ser	Phe	Xaa	Ser	Xaa	Pro	Xaa	Xaa	Lys	Asn	Tyr	Ile	Leu	Xaa	Xaa	Xaa
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6421

100

105

110

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115

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6423

<400> 7222

Pro Ala Leu Xaa Gly Leu Ala Leu Phe Ala Ile Leu Trp Val Gly Cys
 1 5 10 15

Gly Ile Tyr Pro Pro Ser Leu Xaa Pro Xaa Pro Ala Ser Ser Thr Cys
 20 25 30

Ser Gly Xaa Xaa Leu Asn Thr Xaa Arg Xaa Ile Arg Ala Ser Xaa Xaa
 35 40 45

Xaa Asn Met Xaa Xaa Phe Pro Xaa Leu Lys Ile Ile Xaa Cys Phe Ser
 50 55 60

Phe Lys Lys Met Val Asn Xaa Ala Pro Leu Ala Lys Ser Pro Xaa Xaa
 65 70 75 80

Thr Arg Val Ser Phe Ser His Pro Leu Pro Phe Trp Glu Phe Phe Asn
 85 90 95

Pro Pro Phe Gln Xaa Leu Pro Leu Phe Leu Pro Trp Pro Phe Phe Leu
 100 105 110

Gly Ile Leu Arg Arg Ile Lys Lys Ser
 115 120

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<211> 82

<212> PRT

<213> Homo sapiens

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<400> 7223

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1				5					10					15	

Leu	Val	Lys	Leu	Xaa	His	Xaa	Thr	Ser	Tyr	Asn	Asp	Gly	Ile	Tyr	Phe
			20					25					30		

Ser	Arg	Xaa	Xaa	Xaa	Leu	Tyr	Pro	Leu	Gln	Xaa	Leu	Tyr	Xaa	Asp	Leu
		35					40					45			

His	Leu	Leu	Leu	Thr	Xaa	Trp	Lys	Thr	Phe	His	Ile	Val	Leu	Ile	Thr
	50					55					60				

Asn	Tyr	Leu	Ser	Cys	Leu	Xaa	Val	Thr	Leu	Ile	Tyr	Ile	Cys	Arg	Phe
65					70					75					80

Ser Pro

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<400> 7224

6427

Arg Lys Thr Leu Xaa Ser Asp Xaa Xaa Leu Pro Thr Asp Leu Gln Asn
 1 5 10 15
 Gly Gln Tyr Leu Asp Xaa Leu Pro Phe Tyr Leu Leu Phe Leu Leu Gln
 20 25 30
 Xaa Xaa Xaa Gln Gly Thr Ser Ile Met Ile Xaa Lys Ile Tyr Phe Ile
 35 40 45
 Asn Met Phe Xaa Phe Thr Phe His Leu Phe His Xaa Pro Xaa Glu Tyr
 50 55 60
 Arg Cys Leu Xaa Asn Leu Ser Leu Xaa Lys Leu Gln Phe Cys
 65 70 75

<210> 7225

<211> 44

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<213> Homo sapiens

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<400> 7225

Tyr Thr Lys Val Leu Pro Asn Arg Tyr Phe Tyr Xaa Glu Lys Phe Ile
 1 5 10 15
 Xaa Lys Phe Leu Ser Leu Lys Phe Gly Phe Phe Ile Asn Leu Lys Cys
 20 25 30
 Xaa Leu Arg Ile Thr Ile Leu Asn His Trp Asp Xaa
 35 40

6428

<210> 7226

<211> 97

<212> PRT

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<400> 7226

Thr	Tyr	Ile	Thr	Pro	Pro	Phe	Ser	Xaa	Asn	Ser	Leu	Cys	Val	Lys	Ala
1				5				10						15	

Leu	Lys	Gly	His	Ile	Pro	Leu	Ile	Pro	Phe	Ile	Asn	Gln	Ile	Val	Leu
			20					25					30		

Cys	Asn	Lys	Val	Gly	Xaa	Trp	Pro	Xaa	Asn	Ser	Phe	Lys	Xaa	Trp	Asn
		35					40					45			

Leu	Glu	Ala	Gly	Lys	Phe	Gly	Leu	Phe	Xaa	Phe	Ser	Phe	Trp	Ala	Pro
	50					55					60				

Xaa	His	Ser	Leu	Xaa	Trp	Met	Asn	Pro	Phe	Leu	Leu	Phe	Leu	Gly	Gln
65					70					75					80

Lys	Lys	Lys	Lys	Thr	Xaa	Gly	Gly	Pro	Val	Pro	Xaa	Pro	Leu	Phe	Phe
				85					90					95	

Phe

<210> 7227

<211> 110

<212> PRT

<213> Homo sapiens

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<400> 7227
Thr Pro Arg Xaa Tyr Xaa Phe Phe Xaa Lys Ile Xaa Lys Ile Leu Gly

6432

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Pro	Tyr	Phe	Leu	Ile	His	Phe	Ser	Ala	Pro	Xaa	Pro	Ser	Phe	Xaa	Pro		
			20					25					30				
Leu	Xaa	Xaa	Phe	Trp	Val	Asn	Ser	Xaa	Ser	Pro	Gly	Xaa	Gly	Pro	Phe		
			35					40					45				
Xaa	Phe	Ser	Xaa	Phe	Pro	Pro	Pro	Phe	Pro	Xaa	Xaa	Xaa	Leu	Lys	Xaa		
			50					55					60				
Pro	Gln	Pro	Pro	Xaa	Phe	Pro	Pro	Asn	Xaa	Xaa	Xaa	Phe	Phe	Pro	Asn		
			65					70					75		80		
Leu	Asn	Ser	Pro	Pro	Val	Pro	Trp	Val	Pro	Asn	Phe	Xaa	Pro	Leu	Lys		
			85								90					95	
Thr	Phe	Pro	Glu	Xaa	Xaa	Phe	Phe	Ile	Xaa	Lys	Pro	Leu	Lys				
			100					105					110				

<210> 7228

<211> 94

<212> PRT

<213> Homo sapiens

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<400> 7228

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1				5					10						15
Leu	Ser	Glu	Asn	Pro	Ala	Met	Thr	Glu	Gly	Leu	Leu	Arg	Ala	Gln	Val
			20					25					30		
Asn	Ser	Leu	Tyr	Ile	Tyr	Phe	Val	Asn	Ile	His	Ile	Tyr	Thr	Phe	Glu
		35					40					45			
Gln	Thr	Asp	Arg	Ser	Gly	Lys	Ile	Lys	Pro	Lys	Met	Leu	Gln	Gly	Phe
	50					55					60				
Ser	Leu	Xaa	Ser	Ser	Ile	Lys	Gly	Gly	Phe	Leu	Asn	Ser	Phe	Cys	Met
65					70					75					80
Tyr	Glu	Phe	Pro	Lys	Phe	Phe	Ala	Met	Ser	Leu	Phe	Tyr	Phe		
				85					90						

6433

<210> 7229

<211> 47

<212> PRT

<213> Homo sapiens

<400> 7229

Ala Ala Arg Glu Leu Met Lys Ser Pro Ser Asn Phe Gln Ser His Thr
1 5 10 15

Cys Ile Tyr Cys Gln Asn Leu Ser Met Thr Asn Thr Lys Leu Lys Ser
20 25 30

Cys Phe Gln Arg Lys Lys Ile Ile Ser Leu Asn Tyr Phe Val Gly
35 40 45

<210> 7230

<211> 34

<212> PRT

<213> Homo sapiens

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<400> 7230

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
20 25 30

Xaa Xaa

<210> 7231

<211> 93

<212> PRT

<213> Homo sapiens

6434

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Leu Ala Leu Trp His Pro Val Leu Xaa Val Glu Leu Pro Gly Thr Xaa
1 5 10 15

Ser Val Ser Pro Glu Ala Thr Ser Leu Glu Ala Ala Xaa Arg Xaa Xaa
20 25 30

Xaa Ser Xaa Thr Thr Ile Phe Ile Val Ser Cys Val Ile Ala Tyr Phe
35 40 45

Thr Asn Phe Ala Xaa Ala Leu Asn Leu Leu Asn Leu Leu Trp Pro Pro
50 55 60

Pro Pro Xaa Lys Val Lys Xaa Val Asn Ser Asn Ser Xaa Pro Ala Pro
65 70 75 80

Gly Ser Ala Pro Val Ile Pro Thr Gly Trp Thr Lys Gly
85 90

<210> 7232

<211> 84

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1 5 10 15
Ser Phe Met Arg Ser Glu Glu Glu Gly Glu Lys Glu Arg Thr Glu Asn
20 25 30
Arg Glu Xaa Gly Arg Phe Ala Ser Gly Arg Arg Ser Gln Tyr Arg Arg
35 40 45
Ser Thr Asp Arg Glu Glu Glu Glu Xaa Met Asp Asp Glu Ala Ile Ile
50 55 60
Ala Ala Trp Arg Arg Arg Arg Glu Xaa Thr Arg Thr Xaa Leu Xaa Lys
65 70 75 80
Xaa Xaa Glu Asp

<210> 7233
<211> 32
<212> PRT
<213> Homo sapiens

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<400> 7233

Xaa Lys Leu Val Val Val Ser Leu Glu Asn Val Xaa Lys Met Xaa Leu
 1 5 10 15

Cys Val Leu Met Pro Trp Pro Asp Ser Leu Leu Xaa Phe Ile Glu Ile
 20 25 30

<210> 7234

<211> 89

<212> PRT

<213> Homo sapiens

<400> 7234

Leu Ala Glu Asn Arg Trp Pro Arg Gly Arg Gln Arg Asn Glu Gly Phe
 1 5 10 15

Leu Ser Ser Cys Thr Glu Gln Ser Ser Pro Gly Thr Asn Leu Glu Tyr
 20 25 30

Ser Val Gln Thr Thr Glu Glu Asp Lys Ile Asn Phe Tyr Ala Phe Lys
 35 40 45

Lys Asn Tyr Gly Gln Asn Asn Ile Arg Thr Lys Thr Phe Met Ile Phe
 50 55 60

Gln Leu Leu Gly Phe Val Tyr Gly Tyr Gln Gln Pro Cys Pro Ala Ile
 65 70 75 80

Val Phe Ile Leu Phe Gln Ala Gly Cys
 85

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<211> 64

<212> PRT

<213> Homo sapiens

6438

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6439

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<400> 7235

Phe	Xaa	Val	Xaa	Phe	Glu	Ser	Xaa	Ile	Thr	Trp	Leu	Lys	Xaa	Ile	Pro
1				5				10					15		

Thr	Xaa	Pro	Glu	Arg	Asn	Asn	Pro	Xaa	Gly	Thr	Leu	Thr	Pro	Pro	Leu
			20					25					30		

Trp	Lys	Arg	Gly	Xaa	Lys	Ile	Pro	Pro	Leu	Ser	Leu	Ala	Xaa	Asn	Phe
			35				40						45		

Phe	Pro	Leu	Xaa	Phe	Leu	Xaa	Phe	Xaa	His	Pro	Phe	Lys	Lys	Thr	Phe
	50					55						60			

<210> 7236

<211> 49

<212> PRT

<213> Homo sapiens

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<400> 7236

Thr	Ile	Gly	Ser	Pro	Gly	Leu	Tyr	Xaa	Ile	Arg	Xaa	Xaa	Leu	Val	Pro
1				5				10					15		

Asn	Ser	Val	Arg	Xaa	Ile	Thr	Ser	Leu	Glu	Phe	Leu	Phe	Phe	Phe	Pro
			20					25					30		

Asn	Ile	Val	Ser	Leu	Xaa	Asn	Xaa	Leu	Phe	Asn	Xaa	Leu	Xaa	Ala	Asn
		35						40					45		

Leu

<210> 7237

<211> 30

<212> PRT

<213> Homo sapiens

<400> 7237

Gly	Thr	Pro	Arg	Asn	Glu	Gln	Ala	Gly	Leu	Pro	Leu	Tyr	Arg	Cys	Trp
1				5				10					15		

Leu	Leu	Lys	Val	Phe	Asn	Cys	Lys	Leu	Gly	Gly	Phe	Gly	Asp
			20					25					30

<210> 7238

<211> 60

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<400> 7238

Val	Leu	Cys	Pro	Phe	His	Val	Xaa	Ile	Cys	Xaa	Leu	Thr	Ile	Leu	Leu
1					5				10					15	

Xaa	Pro	Leu	Ile	Pro	Ala	Gln	His	Val	Phe	Trp	Ser	Met	Lys	Ile	Val
			20					25					30		

Leu	Lys	Thr	Lys	Ala	Asn	Ala	Cys	Ser	Leu	Pro	Leu	Ser	Xaa	Xaa	Lys
			35				40					45			

Ser	Tyr	Pro	Lys	Xaa	Asp	Phe	Glu	Phe	Arg	Ser	Trp
	50					55					60

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<220>

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<400> 7239

Ala	Ala	Arg	Ala	Arg	Ala	Glu	Phe	Gly	Thr	Arg	Gly	Gly	Pro	Val	Pro
1				5					10					15	

Asn	Ser	Pro	Tyr	Ser	Glu	Ser	Tyr	Tyr	Asn	Ser	Leu	Ala	Val	Val	Leu
			20					25					30		

Gln	Arg	Arg	Asp	Trp	Thr	Xaa	Lys
			35				40

<210> 7240

<211> 124

<212> PRT

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1				5					10					15	

Asp	Ser	Gly	Ser	Val	Gln	Arg	Ala	Arg	Gly	Thr	Ala	Ser	Ser	Ala	Ala
			20					25					30		

Ala	Pro	Leu	Met	Pro	Ser	Pro	Ala	Leu	Leu	Pro	Leu	Pro	Gly	Leu	Asn
		35					40					45			

Gly	Val	Ser	Ile	Glu	Gly	Trp	Thr	Pro	Xaa	Xaa	Gly	Glu	Leu	Val	Pro
	50					55					60				

Cys	Gly	Tyr	Lys	Leu	Gly	Ala	Ser	Leu	Arg	Ala	Val	Pro	Gly	Xaa	Met
65					70					75					80

Gly	Ala	Pro	Leu	Pro	Pro	Ala	Thr	Pro	Pro	Thr	Xaa	Lys	Arg	Xaa	Asn
				85					90					95	

Xaa	Thr	Ser	Xaa	Ala	Asn	Pro	Ser	Pro	Pro	Gly	Phe	Ser	Arg	Gly	Ala
			100					105					110		

Pro	Gly	Gln	Lys	Glu	Leu	Xaa	Asn	Cys	Phe	Gly	Phe
		115					120				

<210> 7241

<211> 130

<212> PRT

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Val Leu Pro Ser Pro Phe Glu Ser Pro Gly Pro Lys Arg Asn Lys Ser
1 5 10 15
Trp Ser Ser Xaa Ala Val Ala Val Ala Leu Glu Leu Leu Asp Pro Pro
20 25 30

6446

Gly Cys Met Asn Ser Ala Xaa Ala Ala Ser Ser Pro Gly Xaa Gln Ser
 35 40 45
 Pro Xaa Ala Pro Ser Gly Tyr Ser Xaa Xaa Xaa Trp Xaa Ser Gly Xaa
 50 55 60
 Xaa Asp Ala Ala Arg Pro Pro Pro Thr Val Xaa Lys Ser Val Val Val
 65 70 75 80
 Xaa Gly Gly Ile Xaa Gly Val Thr Cys Ala Xaa Gln Ser Ala Thr Leu
 85 90 95
 Phe Pro Ser Glu Asp Ile Leu Leu Val Xaa Xaa Ser Pro Val Xaa Asn
 100 105 110
 Glu Phe Gln Ile Ser Ser Xaa Phe Leu Tyr Xaa Xaa Asn Asn Ser Met
 115 120 125
 Phe Xaa
 130

<210> 7242

<211> 56

<212> PRT

<213> Homo sapiens

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<400> 7242

Ile Ser Pro Phe Ser Glu Cys Leu Leu Lys Phe Met Pro Phe Phe Glu

6447

1	5	10	15
Tyr Gly Ser Trp Thr Pro Thr Leu Leu Leu Pro Thr Pro Pro Arg Asn			
	20	25	30
Phe Leu Ile Cys Xaa Val Phe Phe Xaa Val Phe Xaa Asn Ser Xaa Val			
	35	40	45
Ile Ile Leu His Asn Phe Gly Tyr			
	50	55	

<210> 7243

<211> 20

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<213> Homo sapiens

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<400> 7243

Val Glu Phe Phe Phe Phe Phe Leu Lys Asn Xaa Leu Xaa Lys Ile Xaa
1 5 10 15

Pro Asn Thr Phe
20

<210> 7244

<211> 61

<212> PRT

<213> Homo sapiens

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<220>

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<222> (59)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7244

Asp	Phe	Xaa	Ala	Arg	Ile	Pro	Leu	Arg	Asn	Xaa	Ala	Ser	Leu	Xaa	Gly
1				5					10					15	

Lys	Lys	Xaa	Glu	Leu	His	Arg	Gly	Gly	Gly	Arg	Ser	Thr	Thr	Ser	Gly
			20					25					30		

Ser	Pro	Gly	Leu	Gln	Glu	Phe	Gly	Thr	Ser	Gly	Asn	Leu	Val	Met	Ala
		35					40					45			

Val	Val	Xaa	Glu	His	Pro	Ala	Phe	Ala	Xaa	Xaa	Pro	Pro
		50				55					60	

<210> 7245

<211> 58

<212> PRT

<213> Homo sapiens

6449

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<222> (41)

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<400> 7245

Pro	Leu	Tyr	Leu	Leu	His	Asn	Glu	Leu	Thr	Arg	Asn	Asn	Phe	Ala	Arg
1				5					10					15	

Arg	Ala	Lys	Ala	Lys	Thr	Pro	Glu	Thr	Arg	Arg	Ala	Thr	Leu	Glu	Gln
			20					25					30		

Leu	Lys	Glu	His	Thr	Arg	Leu	Cys	Xaa	Lys	Ile	Val	Gly	Lys	Ile	Tyr
		35					40					45			

Arg	Leu	Lys	Arg	Gln	Thr	Tyr	Arg	Ala	Trp
	50					55			

<210> 7246

<211> 55

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7246

Phe	Tyr	Arg	Xaa	Ile	Ser	Asp	Ser	Met	Ile	Phe	Ser	Xaa	Val	Ile	Val
1				5					10					15	

Arg	Xaa	Met	Cys	Asn	Val	Xaa	Ile	Glu	Thr	Glu	Xaa	Tyr	Lys	Gly	Gln
			20					25					30		

Val	Thr	Cys	Gln	Cys	Asp	Met	Xaa	Arg	His	Ile	Tyr	Xaa	Xaa	Thr	Trp
			35					40					45		

Met	Phe	Leu	Asn	Leu	Tyr	Tyr
						55
						50

<210> 7247

<211> 31

<212> PRT

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<220>

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6451

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<400> 7247

Phe	Phe	Phe	Phe	Leu	Xaa	Xaa	Phe	Pro	Leu	Lys	Lys	Phe	Phe	Pro	Phe
1				5					10					15	

Pro	Pro	Xaa	Pro	Pro	Xaa	Phe	Pro	Phe	Leu	Asn	Ile	Ser	Lys	Pro
			20					25					30	

<210> 7248

<211> 37

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<400> 7248

Thr	Val	Ile	Leu	Lys	Lys	Met	Ser	Ile	Gly	Ile	Tyr	Phe	Arg	Glu	Asn
1				5					10					15	

Ile	Ser	Ile	Val	Xaa	Xaa	Leu	Pro	Pro	Pro	Xaa	Gly	Xaa	Glu	Gly	His
			20					25					30		

Xaa	Leu	Trp	Val	Leu
				35

6452

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<211> 62
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Pro Leu Asn Thr Pro Gln Ser Gln Xaa Xaa Leu Leu Xaa Gln Cys Ile
1 5 10 15

6453

Lys Phe Ile Tyr Phe Xaa Xaa Pro His Thr Ile Leu Gly Pro Leu Lys
20 25 30
Pro Met Val Lys Leu Ala Ala Leu Glu Leu Thr Xaa Asp Gln Ile Leu
35 40 45
Thr Leu Leu Leu Ser Asn Ile Xaa Asn Trp Xaa Ile Ser Phe
50 55 60

<210> 7250

<211> 53

<212> PRT

<213> Homo sapiens

<400> 7250

Asn Ser Asn Leu Thr Gly His Lys Tyr Thr Phe Gly Tyr Val Tyr Leu
1 5 10 15

Leu Leu Thr Lys Val Lys Arg Asn Val Leu Met His Ser Leu Asn Leu
20 25 30

Lys Tyr Thr Tyr Ile Lys Phe Leu Lys Asp Ala Asn Leu Asn Pro Ile
35 40 45

Leu Asn Glu Lys Val
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<210> 7251

<211> 45

<212> PRT

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<400> 7251

Xaa	Glu	Lys	Asn	Pro	Ser	Leu	Lys	Lys	Pro	Pro	Pro	Lys	Lys	Lys	Lys
1				5					10				15		

Asn	Cys	Ser	Leu	Ser	Pro	Leu	Leu	Xaa	Gln	Lys	Phe	Xaa	Gly	Xaa	Xaa
			20					25					30		

Phe	His	Leu	Cys	Pro	Pro	Asn	Phe	Ser	Xaa	Phe	Leu	Val
		35					40					45

<210> 7252

<211> 79

<212> PRT

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<400> 7252

Phe Xaa Val Xaa Asn Xaa Phe Tyr Xaa Xaa Xaa Xaa Xaa Leu Xaa Xaa
 1 5 10 15

Xaa Xaa Leu Xaa Xaa Pro Met Xaa Lys Pro Pro His Cys Thr Glu Leu
 20 25 30

Xaa Pro Xaa Gly Thr Xaa Ile Ile Ile Xaa Arg Val Xaa Xaa Phe Tyr
 35 40 45

Gln Xaa Asn Leu Gln Ile Asn Ser Leu Gly Leu Xaa Pro Xaa Pro Xaa
 50 55 60

Pro Xaa Xaa Ile Lys Xaa Lys Lys Lys Ser Xaa Leu Leu Glu Thr
 65 70 75

<210> 7253
 <211> 72
 <212> PRT
 <213> Homo sapiens

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6458

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<220>

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6459

<400> 7253

Leu Asp Gln Lys Lys Ser Xaa Leu Phe Asp Leu Xaa Arg Xaa Asn Leu
1 5 10 15

Pro Xaa Leu Tyr Thr His Val Cys Val Ser Leu Lys Arg Xaa Val Arg
20 25 30

Leu Xaa Lys Ile Leu Ile Val Ile Asn His Val Xaa Thr Ser Cys Asn
35 40 45

Glu Leu His Asp Leu Ile Leu Ser Leu Leu Ala Xaa Thr Thr Xaa Tyr
50 55 60

Phe Ser Asn Xaa Xaa Ile Ser Pro
65 70

<210> 7254

<211> 71

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<400> 7254

Glu	Pro	His	Glu	Xaa	Xaa	Pro	Pro	Lys	Lys	Leu	Xaa	Asn	Asn	Ser	Phe
1				5					10					15	

Phe	Xaa	Lys	Lys	Gly	Glu	Ser	Trp	Leu	Val	Ala	Gln	Asn	Tyr	Phe	Lys
			20					25					30		

Asn	Ser	Ala	Pro	Xaa	Gly	Lys	Thr	Leu	Leu	Trp	Tyr	Phe	Ser	Xaa	Lys
		35					40					45			

Thr	Xaa	Tyr	His	His	Xaa	Leu	Xaa	Trp	Phe	Ser	Gln	Phe	His	Ser	Gln
	50					55					60				

Gly	Glu	Pro	Xaa	Pro	Ser	Cys
65					70	

<210> 7255

<211> 45

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<213> Homo sapiens

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<400> 7255

Leu Thr Tyr Leu Leu Trp Phe Pro Ile Asn Asn Cys Ser Leu Leu Ile
1 5 10 15

Ile Val His Val Phe Tyr Val Ala Ser Asn Lys Leu Arg Gln Ser Tyr
20 25 30

Thr Ser Ala Phe Gln Xaa Gly Ser Leu Phe Leu His Thr
35 40 45

<210> 7256

<211> 116

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<400> 7256

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1				5				10						15	

Xaa	Leu	Xaa	Pro	Ser	Lys	Asp	Xaa	Thr	Leu	Asn	Leu	Xaa	Lys	Lys	Lys
			20					25					30		

Phe	Gly	Xaa	Xaa	Leu	Ile	Thr	Ile	Ile	Ile	Xaa	His	Phe	Thr	Phe	Xaa
				35				40					45		

Pro	Gly	Ser	Leu	Leu	Xaa	Phe	Xaa	Leu	His	Tyr	Leu	Pro	Xaa	Xaa	Leu
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6464

50 55 60
 Tyr His Pro Leu Lys Lys Phe Leu Xaa Xaa Tyr Ile Phe Ile Leu Pro
 65 70 75 80
 Phe Tyr Thr Lys Arg Xaa Asn Ser Gly Xaa Leu Val Gly Xaa Asn Pro
 85 90 95
 Leu Phe Ile Pro Pro Xaa Pro Phe Trp Glu Xaa Phe Lys Gly Xaa Lys
 100 105 110
 Gly Phe Phe Leu
 115

<210> 7257

<211> 50

<212> PRT

<213> Homo sapiens

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<220>

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<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7257

Ile Met Gly Leu Ser Leu Pro Tyr Ile Phe Leu Leu Lys Ser Ile Leu
 1 5 10 15

Xaa Gln Cys Arg Leu Ile Ile Tyr Asn Leu Ile Tyr Met Asn Ser Leu
 20 25 30

Xaa His Pro Ser Phe Ile Leu Thr Ile Ile Val Tyr Met Xaa Xaa Ile
 35 40 45

6465

Pro Asn
50

<210> 7258

<211> 25

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<400> 7258

Gly	Lys	Lys	Glu	Val	Ala	Pro	Xaa	Ser	Glu	Xaa	Phe	Ser	Ile	Thr	Gly
1				5					10					15	

Ala	Ile	Arg	Gly	Ala	Gly	Xaa	Thr	Ser
			20					25

<210> 7259

<211> 78

<212> PRT

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<400> 7259

Trp	Ser	Met	Xaa	Tyr	Leu	Gln	Trp	Asn	Ile	Gly	Leu	Gly	Ile	Phe	Pro
1				5				10					15		

Glu	His	Tyr	Gln	Val	Ser	Gly	Trp	Trp	Glu	Gly	Trp	Xaa	Lys	Pro	Ile
			20					25					30		

Pro	Leu	Xaa	Leu	Xaa	Lys	Xaa	Leu	Val	Xaa	Ala	Gly	Leu	Trp	Leu	Xaa
		35					40					45			

Leu	Glu	Ser	Gly	Leu	Asn	Pro	Pro	Tyr	Xaa	Gly	Gly	Xaa	Trp	Xaa	Gly
	50					55					60				

6467

Lys Asn Gln Glu Asn Phe Val Pro Phe Pro Pro Trp Gly Ser
 65 70 75

<210> 7260

<211> 33

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<400> 7260

Gln Asn Pro Ser Cys Xaa Ser Xaa His Leu Leu Xaa His Phe Asp His
 1 5 10 15

Leu Ala Ser Xaa Ala Arg His Thr Arg Xaa Arg Leu Arg Leu Ser Gln
 20 25 30

Lys

<210> 7261

<211> 76

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6468

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<400> 7261

Xaa	Arg	His	Ala	Leu	Val	Gly	Ala	Ile	Cys	Asp	Pro	Lys	Asn	Ser	Thr
1				5					10					15	

Phe	Thr	Ser	Val	Trp	Leu	Ile	Leu	Asn	His	Ser	Ser	Leu	Cys	Thr	Tyr
			20					25					30		

Ile	His	Thr	His	Thr	His	Ser	Gly	Leu	Thr	Gln	Lys	Lys	Lys	Xaa	Ile
			35					40					45		

Gln	Thr	Leu	Gln	Asn	Tyr	Pro	Ser	Phe	Leu	Tyr	Xaa	Leu	Cys	Arg	Phe
		50					55				60				

Met	Xaa	Thr	Thr	Cys	Asn	Cys	His	Asn	Pro	Xaa	Gly
65					70					75	

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6470

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<400> 7263

Tyr	Xaa	Asn	Met	Gly	Thr	Arg	Thr	Xaa	Gly	Lys	Gln	Ile	Xaa	Thr	Glu
1				5				10					15		

Xaa	Ser	Xaa	Pro	Xaa	Ser	Xaa	Phe	Leu	Ser	Xaa	Ser	Leu	Ile	Xaa	Xaa
			20				25					30			

Phe	Ile	Ile	Xaa	Xaa	Ile	Pro	Xaa	Val	Leu	Ser	Met	Leu	Ile	Xaa	Xaa
			35				40					45			

Ser	Trp	Ser	Leu	Thr	Pro	Pro	Xaa	Ile	Lys	Ser	Phe	Gly	Ile	Ile	Tyr
			50				55				60				

Asn	Leu	Leu	Pro	Xaa	Phe	Tyr	Ser
65						70	

<210> 7264

<211> 52

<212> PRT

<213> Homo sapiens

6472

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<400> 7264

Leu	Glu	Ala	Asp	Gly	Ala	Val	Xaa	Asn	Ser	Cys	Arg	Ala	Leu	Lys	Gly
1				5				10					15		

Glu	Xaa	Ala	Asp	Leu	Gln	Xaa	Glu	Gly	Lys	Xaa	Leu	Xaa	Leu	Xaa	Gly
			20					25					30		

Pro	Cys	Xaa	Phe	Leu	Pro	Pro	Phe	Pro	Gln	Pro	Tyr	Ser	Cys	Pro	Pro
			35				40					45			

Leu	Lys	Phe	His	
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6473

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<400> 7265

Pro	Gly	Leu	Lys	Ile	Thr	Ile	Asn	Lys	Xaa	Thr	Ala	Xaa	Lys	Leu	Arg
1				5					10					15	

Leu	Cys	Xaa	Ile	Thr	Ser	Xaa	Xaa	Xaa	Leu	Pro	Leu	Asp	His	Thr	Xaa
			20					25					30		

Xaa	Xaa	Trp	Ile	Ala	Lys	Xaa	Asp	Cys	Pro	Leu	Tyr	Asn	Gly	Gly	Xaa
		35					40					45			

Ile	Xaa	Leu	Xaa	Xaa	Leu	Asn	Asp	Gln	Glu	Gln	Phe	Cys	Gln	Asn	Val
		50				55					60				

<210> 7266

<211> 38

<212> PRT

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<400> 7266

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10					15	

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Ala	Val	Leu	Gly	Lys
			20					25					30		

Thr	Gln	Xaa	Pro	Xaa	Xaa
		35			

<210> 7267

<211> 66

<212> PRT

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<400> 7267

Pro	Ser	Thr	Lys	Pro	Ser	Cys	Phe	Gly	Ala	Asn	Trp	His	Leu	Xaa	Pro
1				5					10					15	

Phe	Gly	Gly	Ser	Asp	Lys	Gln	Ile	Lys	Leu	Gln	Leu	Ala	Val	Gln	Asp
			20					25					30		

Ser	Ala	Arg	Cys	Leu	His	Leu	Leu	Leu	Val	Glu	Ser	Lys	Pro	Cys	Ala
			35					40				45			

Pro	Phe	Gln	Ser	Lys	Ile	Lys	Gly	Thr	Gly	Ile	Phe	Leu	Glu	Lys	Lys
			50			55					60				

Xaa Ile

6476

65

<210> 7268
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<400> 7268
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6477

1 5 10 15
 Asp Ala Leu Gln Leu Val Asp Pro Pro Gly Cys Arg Xaa Xaa Gly Thr
 20 25 30
 Arg Leu Phe Cys Ala Pro Val Leu His His Xaa Ser Met Ser Gln Val
 35 40 45
 Ile Met Phe Phe Cys Thr Arg Xaa Leu Gly Met Gln Arg Xaa Leu Glu
 50 55 60
 Leu Thr
 65

<210> 7269

<211> 48

<212> PRT

<213> Homo sapiens

<220>

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<222> (35)

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7269

Gly Thr Arg Gly Gly Pro Val Pro Asn Ser Pro Tyr Ser Glu Ser Tyr
 1 5 10 15
 Tyr Asn Ser Leu Ala Val Val Leu Gln Arg Leu Asp Trp Glu Asn Ser
 20 25 30
 Cys Leu Xaa Asp Pro Xaa Asn His His Met Xaa Ile Pro Ile Xaa Thr
 35 40 45

6478

<210> 7270

<211> 20

<212> PRT

<213> Homo sapiens

<220>

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<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7270

Tyr	Xaa	Xaa	Xaa	Thr	Leu	Cys	Gly	Leu	Cys	Leu	Gln	Ser	Ser	Arg	Lys
1				5				10						15	

Xaa	Lys	Val	Arg
		20	

<210> 7271

<211> 101

<212> PRT

<213> Homo sapiens

<220>

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<222> (37)

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6479

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<222> (70)

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<222> (91)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (99)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7271

Leu	Val	Val	Lys	Tyr	Ser	Asp	Ile	Arg	His	Ser	Pro	Arg	His	Val	Leu
1					5				10					15	

His	Thr	Cys	Thr	His	Thr	Met	Ser	His	Arg	Gly	His	Thr	Val	Phe	Arg
			20						25				30		

Ile	Val	Thr	Ile	Xaa	Arg	Xaa	Ser	Leu	Leu	Trp	Tyr	Met	Leu	Lys	Tyr
			35					40					45		

Leu	Leu	Phe	Trp	Ala	Lys	Ala	Pro	Arg	Gln	Xaa	Leu	Leu	Ile	Met	Val
			50					55					60		

6480

Ala Gly Lys Arg Gly Xaa Glu Lys Arg Pro Gly Gln Val Lys Thr Xaa
 65 70 75 80

Phe Xaa Gln Xaa Leu Asn Ser Cys Leu Gln Xaa Trp Ala Glu Lys Gly
 85 90 95

Arg Lys Xaa Ser Phe
 100

<210> 7272

<211> 26

<212> PRT

<213> Homo sapiens

<400> 7272

Asn Lys Leu Ile Val Asn Ile Leu Pro Lys Arg Ile Ser Ile Arg Tyr
 1 5 10 15

Ile Asn Leu Leu Met Asp Ser Gln Thr Met
 20 25

<210> 7273

<211> 37

<212> PRT

<213> Homo sapiens

<220>

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<222> (34)

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<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7273

Ala Ala Arg Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile
 1 5 10 15

Val Ser Arg Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr
 20 25 30

6481

Gly Xaa Pro Xaa Xaa
35

<210> 7274

<211> 61

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (61)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7274

Leu	Thr	Cys	Ser	Glu	Thr	Gly	Ala	Ala	Ser	Leu	Leu	Arg	Ala	Gly	Pro
1				5					10					15	

Gly	Ser	Ser	Ser	Phe	Arg	Thr	Glu	Arg	Leu	Phe	Gln	Phe	Gly	Ser	Leu
				20				25					30		

Glu	Lys	Glu	Lys	Xaa	His	Phe	Xaa	Lys	Phe	Pro	Asn	Glu	Thr	Lys	Lys
				35				40					45		

Pro	Pro	Pro	Phe	Ser	Xaa	Pro	Cys	Ser	Thr	Ala	His	Xaa
				50				55				60

<210> 7275

<211> 38

<212> PRT

<213> Homo sapiens

6482

<220>
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<222> (9)
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<222> (37)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (38)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7275
Ala His Gly Ile Lys Gln Thr Ser Xaa Tyr Ile Pro Xaa Tyr Pro Arg
1 5 10 15
Ile Phe Leu Lys Leu Met Cys Leu Ser His Ala Phe Asn His Phe Xaa
20 25 30
His Leu Lys Thr Xaa Xaa
35

<210> 7276
<211> 43
<212> PRT
<213> Homo sapiens

<220>
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<220>
<221> SITE
<222> (43)
<223> Xaa equals any of the naturally occurring L-amino acids

6483

<400> 7276

Ala Ala Arg Ala Ala Arg Ala Ala Arg Gly Gly Ala Arg
1 5 10 15

Tyr Pro Ile Arg Pro Ile Val Ser Arg Ile Thr Ile His Trp Pro Ser
20 25 30

Phe Tyr Asn Val Val Thr Gly Xaa Pro Lys Xaa
35 40

<210> 7277

<211> 60

<212> PRT

<213> Homo sapiens

<220>

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<222> (1)

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (56)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7277

Xaa Phe Leu Ile Leu Leu Leu Leu Ala Pro Ser Val Xaa Ile Asn Tyr
1 5 10 15

6484

Ile Phe Leu His Gln Ile Phe Tyr Thr Ile Arg Phe Phe Asp Xaa Lys
 20 25 30

Ile Ile Phe Ser Phe Thr Leu Leu Ile Ser Glu Gly His Lys Ile Lys
 35 40 45

Tyr Phe Leu Val His Asp Xaa Xaa Ser Leu Leu Xaa
 50 55 60

<210> 7278

<211> 67

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (66)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7278

Leu Asn Asn Ile Lys Ser His Val Lys Gly Pro Phe Ala Ser Val Pro
 1 5 10 15

Phe Thr Gln Tyr Ile Thr Phe Ser Phe Gln Gln Lys Lys Leu Xaa Gly
 20 25 30

Ile Leu Lys Gly Gln Lys Asn Ser Leu Lys Xaa Asp Ser Lys Gln Xaa
 35 40 45

6485

Asp Lys Thr Xaa Ile Trp Arg Lys Met Leu Lys Ser Ser Asp Trp Lys
50 55 60

Phe Xaa Thr
65

<210> 7279

<211> 33

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (31)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7279

Thr Cys Xaa Ser Lys Xaa Gly Pro Xaa Lys Asn Xaa Arg Leu Asn Leu

6486

1	5	10	15
Tyr Arg Gly Xaa Gly Arg Phe Lys Ile Xaa Gly Ser Pro Gly Xaa Lys			
	20	25	30

Glu

<210> 7280

<211> 24

<212> PRT

<213> Homo sapiens

<220>

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7280

Lys Gly Lys Leu Asn Ile Ala Lys Lys Lys Gly Phe Lys Xaa Gly
1 5 10 15

Ala Xaa Gly Xaa Pro Phe Xaa Ser
20

<210> 7281

<211> 40

<212> PRT

<213> Homo sapiens

<400> 7281

His Val Ser Ser Phe Arg Lys Gln Leu Tyr Cys His Thr Ile Val Gly

6487

1 5 10 15
 Arg Lys Thr Phe Ile Trp Asn Ile His Tyr Cys Lys Phe Val Gln Ile
 20 25 30
 Ile Tyr Leu Pro Pro Val Phe Ala
 35 40

<210> 7282

<211> 36

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7282

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
 1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
 20 25 30

Gln Xaa Xaa Xaa
 35

<210> 7283

<211> 37

<212> PRT

<213> Homo sapiens

<400> 7283

Thr Val Pro Pro Cys Leu Pro Ala Phe Ala Glu Leu Glu Leu Ser Leu
 1 5 10 15

6488

Ser Ala Cys Ser Thr Tyr Thr Leu Pro Val His Trp Leu Ser Asn Arg
20 25 30

Phe Lys Glu Arg Ser
35

<210> 7284

<211> 19

<212> PRT

<213> Homo sapiens

<220>

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<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (18)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7284

Ala Ser Phe Phe Phe Phe Phe Phe Leu Asn Leu Xaa Asp Xaa Phe Phe
1 5 10 15

Xaa Xaa Phe

<210> 7285

<211> 70

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

6489

<220>

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7285

Trp Ile Ser Ser Leu Val Leu Asn Glu Gly Gln Val Trp Leu Ala Val
1 5 10 15

Xaa Arg His Ser Phe His Gly Gly Arg Leu Ala Ala Asn Arg Gln Ala
20 25 30

Gly Pro Lys His Ser Gly Leu Leu Lys Ala Gly Gly Val His Xaa Asp
35 40 45

Ser Cys Trp Arg Ala Val Glu Leu Phe Pro Gly Ile Arg Phe Gly Phe
50 55 60

Ser Gly Thr Ile Pro Xaa
65 70

<210> 7286

<211> 98

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

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<220>

<221> SITE

6490

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (65)

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<222> (74)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (87)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7286

Val	Ser	Ile	Lys	Asn	Gly	Phe	Leu	Leu	Ser	Ala	Pro	Met	Xaa	Gly	Ser
1				5					10					15	

Val	Cys	Gly	Val	Thr	Ser	Gln	Cys	Arg	Ser	Phe	Ser	Trp	Ser	Pro	Asp
			20					25					30		

Cys	Ser	Leu	Ile	Pro	Asp	Gln	Gly	Leu	Val	Xaa	Phe	Lys	Asn	Ser	Ser
		35					40					45			

Met	Ala	Xaa	Asn	Ala	Trp	Leu	Val	Gln	Xaa	Glu	Cys	Phe	Phe	His	Lys
	50					55					60				

Xaa	Ser	Ser	Ser	Pro	Val	Phe	Thr	His	Xaa	Xaa	Ile	Pro	His	Ser	Phe
65					70					75					80

Pro	Thr	Lys	Ser	Thr	Pro	Xaa	Gly	Cys	Cys	Leu	Pro	Tyr	Phe	Pro	Asn
				85					90					95	

Phe Pro

<210> 7287

<211> 57

<212> PRT

<213> Homo sapiens

6491

<220>

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<222> (21)

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<221> SITE

<222> (29)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7287

Leu	Tyr	Leu	Leu	Lys	His	Val	His	Leu	His	Ile	Phe	Thr	Gly	Leu	Leu
1				5				10						15	

Thr	Val	His	Phe	Xaa	Ser	Ser	Arg	Lys	Trp	His	Gln	Xaa	Gly	Ser	Thr
			20					25					30		

Lys	Asn	Met	Ile	Thr	Lys	Asn	Ile	Ile	Ile	Ile	Pro	Phe	Xaa	Lys	Thr
		35					40					45			

Xaa	Xaa	Pro	Arg	Leu	Pro	Asn	Phe	Xaa
		50				55		

<210> 7288

<211> 41

<212> PRT

<213> Homo sapiens

6492

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7288

Leu	Val	Ser	Arg	Gly	Gly	Pro	Val	Pro	Asn	Ser	Pro	Tyr	Ser	Glu	Ser
1				5				10						15	

Tyr	Tyr	Asn	Ser	Leu	Ala	Val	Val	Leu	Gln	Arg	Arg	Asp	Trp	Glu	Asn
		20						25					30		

Pro	Ser	Xaa	Xaa	Phe	Phe	Ser	Xaa	Ala
		35					40	

<210> 7289

<211> 21

<212> PRT

<213> Homo sapiens

<220>

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<222> (6)

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<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

6493

<400> 7289

Cys Glu Ala Ser Trp Xaa Leu Cys Xaa Gly Lys Trp Tyr Gln Xaa Thr
1 5 10 15

Ala Trp Pro Pro Xaa
20

<210> 7290

<211> 49

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7290

Glu Asn Thr Glu Cys Val His Gln Ile Leu Ser Ala Ala Val Xaa Phe
1 5 10 15

Cys Leu Leu Phe Xaa Leu Ser Ser Asp Val Thr Phe Ile Lys Asp Asn
20 25 30

Pro Leu Arg Thr Leu Phe Tyr Phe Leu Thr Asn Gln Asn Val Val Phe
35 40 45

Lys

<210> 7291

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

6494

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7291

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Xaa Thr Gly Lys Pro
20 25 30

Xaa Xaa

<210> 7292

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7292

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Xaa Xaa Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Phe Val Thr Gly Thr Pro
20 25 30

Lys Xaa

6495

<210> 7293

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7293

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Xaa Xaa Arg

1

5

10

15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Pro

20

25

30

Xaa Xaa

<210> 7294

<211> 36

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6496

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7294

Val Ile Xaa Ser Leu Lys Ser Thr Phe Lys Ala Phe Gln Ile Lys Lys

1

5

10

15

Ser Asn Leu Thr Asn Cys Ser Leu Leu Ile Ser Xaa Asn Glu Ile Met

20

25

30

Asn Val Leu Ala

35

<210> 7295

<211> 18

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7295

Ala Ser Leu Glu Phe Phe Phe Phe Phe Phe Lys Xaa Xaa Xaa Xaa Asn

1

5

10

15

Xaa Asn

6497

<210> 7296

<211> 76

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (37)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7296

Arg Lys Trp Ala Ala Trp Ile Ser His His Pro Met Ser Ala Ala Ala
1 5 10 15

Gln Val Ser Leu Thr Val Ser Trp Val Cys Gly Gly Asp Trp Gly Val
20 25 30

Arg Lys Gly Trp Xaa Gly Xaa Leu Lys Arg Lys Gln Leu Gln Pro Glu
35 40 45

Ala Gln Thr Gly Cys Arg Val Thr Pro Ser Ser His Leu Glu Ser Trp
50 55 60

Thr Pro Pro Thr Leu Ile His Pro Val Pro Gln Pro
65 70 75

<210> 7297

<211> 35

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

6498

<400> 7297

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
20 25 30

Gln Xaa Xaa
35

<210> 7298

<211> 84

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (19)

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1				5					10					15	

Trp	Gly	Xaa	Xaa	Thr	Pro	Pro	Cys	Phe	Pro	Phe	Xaa	Pro	Gln	Ile	Xaa
				20				25					30		

Xaa	Leu	His	Phe	Leu	Leu	Gly	Ser	Gln	Phe	Xaa	Lys	Ile	Pro	His	Xaa
				35				40					45		

Lys	Phe	Xaa	His	Trp	Ala	Pro	Xaa	Xaa	Xaa	Lys	Thr	Pro	Ile	Ser	His
				50				55				60			

Ser	Leu	Glu	Gly	Leu	Glu	Lys	Thr	Xaa	Gly	Lys	Phe	Leu	Glu	Xaa	Asn
				65				70					75		80

6500

Pro Phe Phe Xaa

<210> 7299

<211> 68

<212> PRT

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<400> 7299

Ile Cys Ala Arg Phe Val Lys Ile Thr Leu Phe Leu Lys Leu Phe Xaa

1

5

10

15

Gln Val Ser Leu Pro His Ala Tyr Xaa Pro Lys Xaa Leu Gly Ile Lys

20

25

30

Gly Leu Thr Thr Ala Pro Gly Gln Ile Pro Val Pro Phe Pro Lys Lys

35

40

45

6501

Thr Pro Asn Leu Thr Leu Glu Leu Ile Gln Phe Xaa Pro Xaa Phe Ile
50 55 60

Leu Lys Leu Xaa
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<210> 7300

<211> 46

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<400> 7300

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1 5 10 15

Ile Ser Lys Phe Lys Asn Lys Glu Ser Lys Ser Thr Ser Thr Ser Thr
20 25 30

Cys Leu Ile Ile Pro Thr Phe His Leu Ile Ser Ile Tyr Ile
35 40 45

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Pro His Thr Arg Ala Leu Thr Glu Xaa Met Pro Arg His Leu Cys Pro
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Val Ser Phe Ile Pro Xaa Xaa Val Cys Leu Lys Ile Phe Pro Gln Pro
20 25 30

Glu Ser Phe Pro Asn His Leu Xaa Lys Lys Xaa Tyr Ala Ser Leu Xaa
35 40 45

Thr Leu Leu Arg Thr Gln Leu Leu Leu Leu Lys Ala Ser Ala Thr Ser
50 55 60

Xaa Xaa Pro Pro Lys Leu Lys Xaa Ser Ala Phe Ser Gly Gly Pro Gly
65 70 75 80

Xaa

6503

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<400> 7302

Gln	Tyr	Val	Thr	Gly	Ala	Pro	Phe	Val	Ser	Ile	His	Lys	Glu	Leu	Leu
1				5					10					15	

Xaa	Leu	Cys	Tyr	Ser	Xaa	Thr	Met	Xaa	Met	Phe	His	Ser	Leu	Thr	Ser
			20					25					30		

Pro	Val	Pro	Xaa	Xaa	Trp	Ile	Pro	Tyr	Xaa	Tyr	Cys	Xaa	Gln	Val	Leu
			35				40					45			

Gln	Ser	Val	Thr	Cys	Val	Ile	Ser	Xaa	Phe	Xaa	Ser	Cys	Cys	Xaa	Phe
		50				55					60				

Ile	Tyr	Xaa	Ile	Asn	Xaa	Pro	Lys	Ile	Asn	Trp	Cys	Val	Xaa	Xaa	Val
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6506

65		70		75		80
Xaa Val Phe Gly Tyr Pro Gln Lys Lys Xaa Gly Gln Xaa Pro Pro Val						
		85		90		95
Lys Xaa Xaa Phe Xaa Phe Gly Thr Pro Xaa Xaa Phe Lys Xaa Phe Xaa						
	100		105		110	
Xaa Xaa Phe						
	115					

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Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Xaa Val Thr Gly Lys Thr
20 25 30

Gln Xaa Xaa Xaa
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6507

<211> 82
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<400> 7304

Ser	Ser	Phe	Leu	Xaa	Xaa	Xaa	Ile	Tyr	Lys	Trp	Asp	Xaa	Met	Thr	Gly
1				5					10					15	

Tyr	Xaa	Gln	Xaa	Xaa	Asn	Xaa	Xaa	Xaa	Gly	Thr	Xaa	His	Ile	Cys	Asn
			20						25					30	

Pro	Lys	Trp	Ala	Ala	Leu	Lys	Xaa	Ser	Phe	Ala	Val	Lys	Ser	Gln	Cys
			35					40					45		

Pro	His	Xaa	Lys	Xaa	Ser	Ser	Gly	Leu	Gln	Leu	Ile	Tyr	Ser	Cys	Pro
			50				55					60			

6509

Xaa Cys Ser Ser Leu Ala Pro Leu Asn Val Leu His Lys Xaa Gly Xaa
65 70 75 80

Trp Ala

<210> 7305

<211> 102

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<213> Homo sapiens

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Asp	Lys	Ile	Leu	Phe	Ile	Gly	Pro	Xaa	Ile	Tyr	Trp	Leu	Trp	Gly	Leu
1				5					10					15	

Val	Xaa	Xaa	Leu	Arg	Glu	Arg	Pro	Thr	Leu	Lys	His	Xaa	Pro	Met	Cys
			20					25						30	

Trp	Asp	Val	His	Arg	Met	Xaa	Ser	Xaa	Pro	Arg	Xaa	Leu	Ser	Tyr	Leu
		35					40					45			

Gly	Xaa	Xaa	Lys	Pro	Pro	Leu	Trp	Ala	His	Leu	Val	His	Phe	Xaa	Asn
			50			55					60				

Pro	Leu	Xaa	Pro	Xaa	Lys	Gly	Phe	Phe	Pro	Arg	Phe	Pro	Lys	Gly	Pro
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

```

65                               70                               75                               80
Pro Xaa Gly Val Xaa Xaa Pro Ser Lys His Lys Gly Pro Ala Leu Ile
                        85                               90                               95
Asn Leu Glu Val Gly Asn
                        100

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<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<223> Xaa equals any of the naturally occurring L-amino acids

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Gly Pro Gly Arg Phe Pro Ile Leu Gly Arg Lys Lys Lys Asn Xaa Trp
1 5 10 15

Xaa Pro Phe Lys Lys Thr Xaa Ser Leu Lys Lys Lys Asn Phe Xaa Xaa
20 25 30

Gly Lys

6512

<210> 7307

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<400> 7307

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
20 25 30

Gln Xaa

<210> 7308

<211> 102

<212> PRT

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<400> 7308

Xaa	Thr	Xaa	Leu	Thr	Ser	Ser	Pro	Cys	Trp	Pro	Leu	Glu	Gly	Ser	Val
1				5					10					15	

Lys	Arg	Lys	Gly	Lys	Pro	Ser	Leu	Leu	Glu	Leu	Pro	Phe	Gly	Ile	Pro
			20					25					30		

Pro	Arg	Leu	Asn	Phe	Xaa	Thr	Pro	Cys	Phe	Ile	Xaa	Xaa	Ile	Thr	Pro
		35					40					45			

Xaa	Pro	Ile	Xaa	Xaa	Asn	Pro	Asn	Phe	Glu	Pro	Phe	Ile	Cys	His	Gln
	50					55					60				

Lys	Lys	Pro	Phe	Phe	Tyr	Leu	Pro	Thr	Ile	Ser	Gln	Xaa	Pro	Arg	Phe
65					70					75					80

Glu	Thr	Ser	Xaa	Ile	Pro	Asn	Leu	Gln	Leu	Ser	Leu	His	Arg	Xaa	Ile
				85					90					95	

6514

Phe Pro Asn Leu Leu Cys

100

<210> 7309

<211> 23

<212> PRT

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Gly Gln Xaa Xaa Arg Ile Pro Gly Cys Ala Ile Pro Xaa Cys Xaa Gly

1

5

10

15

Leu Leu Gly Xaa Ser Tyr Phe

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Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Xaa Pro Ile Val Ser Xaa
1 5 10 15
Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
20 25 30
Gln Asn Xaa Xaa Xaa
35

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Ala	Ala	Arg	Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile
1				5				10					15		

Val	Ser	Arg	Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Xaa	Val	Thr
			20					25					30		

Gly	Lys	Thr	Xaa	Gly	Xaa
			35		

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<211> 60

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 Val Ile Gln Leu Ser Asp Gly Ser Xaa Val Xaa Thr Leu Ser Asp Glu
 1 5 10 15
 Asp Ser Xaa Tyr Arg Cys Xaa Gly Tyr Asn Val Arg Leu Leu Ala Leu
 20 25 30
 Glu Ile Ala His Gly Leu Ser Ser Ser Leu Gln Ser Xaa Xaa Leu Val
 35 40 45
 Asp Gln Lys Cys Xaa Ser Asp Ile Glu Xaa Xaa Lys
 50 55 60

<210> 7313
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1				5					10					15	

Pro	Pro	Gly	Ile	Tyr	Pro	Asp	Phe	Lys	Arg	Xaa	Pro	Xaa	Pro	Xaa	Xaa
			20					25					30		

Asn	Xaa	Xaa	Ile	Trp	Leu	Ser	Xaa	Xaa	Pro	Xaa	Gln	Tyr	Trp	Ile	Trp
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

6520

	35				40					45				
Xaa	Ser	Pro	Asn	Pro	Thr	Xaa	Ile	Met	Ala	Xaa	Thr	Xaa	Ala	Val Gly
	50					55					60			
Ile	Xaa	Ile	Gly	Gly	Pro	Xaa	Xaa	Leu	Phe	Xaa	Xaa	Ile	Pro	Gly Ser
65					70					75				80
Xaa	Ala	Lys	Phe	Pro	Trp	Gly	Trp	Gly	Asn	Gln	Xaa	Pro	Cys	Cys Leu
				85					90				95	

Lys Asn

<210> 7314

<211> 127

<212> PRT

<213> Homo sapiens

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 Asn Ala His Gly Gly Ala Leu Gln Val Ser Ala Xaa Pro Xaa Pro Ala
 20 25 30

 Ser Pro Ala Leu Leu Ser Gln Ala Xaa Xaa Arg Arg Gly Thr Leu Xaa
 35 40 45

 Thr Pro Ser Leu Gly Ser Xaa Xaa Ile Gly His Lys Ser Leu Xaa Cys
 50 55 60

 Xaa Gly Xaa Ala Gln Val His Ile Xaa Glu His Leu Xaa Met Xaa Leu
 65 70 75 80

 Gly Glu Pro Ser Ala Gln Pro Thr Ser Gly Lys Asn Lys Phe Trp Gly
 85 90 95

 His Gly Ala Pro Lys Lys Thr Xaa Ile Glu Tyr Phe Cys Leu Phe Xaa
 100 105 110

 Ser Ala Xaa His Xaa Lys Leu Pro Xaa Glu Asn Phe Leu Gln Thr
 115 120 125

 <210> 7315
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6523

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Ser	Val	Asp	Ser	Lys	Gly	Thr	Phe	Cys	Leu	Phe	Gln	Leu	Lys	Leu	Lys
1				5					10					15	

Leu	Gln	Phe	Lys	Met	Lys	Ser	Val	Ser	Phe	Phe	Leu	Tyr	Phe	Ser	Ala
			20					25					30		

Lys	Gln	Asp	Ala	Thr	Leu	Xaa	Leu	Pro	Pro	Leu	Thr	Ile	Asn	Arg	Xaa
		35					40					45			

His	Ser	Gly	Leu	Lys	Ala	Ala	Pro	Pro	Phe	Asn	Leu	Xaa	Ile	Trp	Gln
	50					55					60				

Thr	Xaa	Ser	Leu	Glu	Xaa	Asn	Ser	Ala	Xaa	Ile	Phe	Phe	Leu	Asn
65						70				75				

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<211> 45

<212> PRT

6524

<213> Homo sapiens

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<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7316

Ser	Ser	Ser	His	Leu	Ser	Gln	Leu	Asn	Asn	Val	Thr	Pro	Pro	Pro	Leu
1				5				10					15		

Pro	Leu	Lys	Ile	Cys	Leu	Leu	Tyr	Phe	Tyr	Leu	Arg	Phe	Lys	Ser	Gly
			20					25					30		

Phe	Phe	Tyr	Glu	Ser	Leu	Val	Xaa	Ser	Ser	Xaa	Leu	Tyr
		35					40				45	

<210> 7317

<211> 38

<212> PRT

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7317

Ala	Ala	Arg	Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile
1				5				10					15		

Val	Ser	Arg	Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr
			20					25					30		

6525

Gly Lys Thr Xaa Xaa Xaa
35

<210> 7318

<211> 19

<212> PRT

<213> Homo sapiens

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<400> 7318

Gly Thr Arg Val Cys Phe Phe Phe Lys Xaa Gly Leu Xaa Phe Xaa Gly
1 5 10 15

Xaa Arg Xaa

<210> 7319

<211> 35

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<400> 7319

Ala	Ala	Arg	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10					15	

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Asn	Pro
			20					25						30	

Xaa	Xaa	Xaa													
			35												

<210> 7320

<211> 51

<212> PRT

<213> Homo sapiens

<400> 7320

Ala	Lys	Met	Arg	Ile	Thr	Ile	Pro	Asn	Val	Lys	Pro	Gly	Leu	Glu	Thr
1				5					10					15	

Ala	Val	Leu	Ala	Gln	Phe	Ser	Ile	Ser	Ser	Gln	Cys	Tyr	Asn	Leu	Ile
			20					25						30	

Pro	Ser	Leu	Val	Arg	Lys	Leu	Asn	Lys	Met	Asp	Ser	Leu	Arg	Phe	Pro
		35					40						45		

Val	Arg	Ile													
		50													

<210> 7321

<211> 51

<212> PRT

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<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7321

Lys	Xaa	Val	Met	Glu	Thr	Phe	His	Met	Lys	Pro	Ser	Leu	Thr	Glu	Ile
1					5				10					15	

Thr	Leu	Leu	Leu	Asn	Asn	Ser	Xaa	Asn	Phe	His	Leu	Gln	Ser	Val	Trp
			20					25					30		

Asn	Phe	Met	Xaa	Val	Xaa	Glu	Ser	His	Leu	Xaa	Gln	Cys	Leu	Ile	Thr
		35						40				45			

Ser	Leu	Pro
	50	

<210> 7322

<211> 38

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7322

Lys	Val	Tyr	Lys	Arg	Trp	Xaa	Leu	His	Arg	Gly	Pro	Arg	Lys	Asn	Leu
1				5					10					15	

Glu	Leu	Met	Asp	Pro	Pro	Gly	Cys	Arg	Xaa	Phe	Gly	Thr	Xaa	Gly	Thr
			20					25					30		

Asn	Ala	Xaa	Phe	Ile	Xaa
					35

<210> 7323

<211> 38

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6530

20 25 30

Leu Phe Ser Leu Pro Arg Ser Val Thr Ile Val Glu Thr Pro Gly Xaa
 35 40 45

Gln Trp Xaa Ile Gly Xaa His Pro Trp Xaa Glu Thr Gly Phe Pro Asp
 50 55 60

Xaa Lys His His Gly
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<210> 7325

<211> 75

<212> PRT

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<400> 7325

Leu Xaa Arg Val Leu Leu Asn Lys Gly Asn Lys Arg Pro Ser Ser Thr
1 5 10 15

6531

Xaa Gly Gly Xaa Arg Ser Arg Thr Ser Gly Ser Pro Gly Leu Gln Glu
 20 25 30
Ser Gly Thr Ser Gly Thr Arg Gly Gly Pro Val Pro Asn Ser Pro Tyr
 35 40 45
Ser Glu Ser Tyr Tyr Asn Ser Leu Ala Val Val Leu Gln Arg Arg Asp
 50 55 60
Trp Glu Asn Pro Lys Xaa Xaa Xaa Phe Phe Val
 65 70 75

<210> 7326

<211> 66

<212> PRT

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<400> 7326

Tyr	Xaa	Xaa	Val	Asp	Pro	Pro	Leu	Asn	His	Xaa	Pro	Xaa	Leu	Ser	Leu
1				5					10					15	

Thr	Lys	Arg	Lys	Pro	Ser	Pro	His	Ser	Leu	Asn	Leu	Ile	His	His	Ser
			20					25					30		

Arg	Gln	Xaa	Arg	Trp	Ile	Lys	Pro	Xaa	Pro	Ala	Thr	Gln	Asn	Leu	Xaa
		35					40					45			

Ile	Leu	Leu	Asn	Xaa	Pro	His	Xaa	Met	Asn	Asn	Ser	Ser	Ser	Thr	Val
	50					55					60				

Gln	Thr
65	

<210> 7327

<211> 44

<212> PRT

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6533

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<400> 7327

Gly	Lys	Ile	Pro	Asp	Tyr	Val	Ala	Leu	His	Val	Arg	Asp	Pro	Lys	Glu
1				5					10					15	

Thr	Arg	Leu	Ser	Thr	Gly	Arg	Val	Pro	Glu	Xaa	Asn	Leu	Val	Ser	Arg
			20					25					30		

Pro	Gln	Ile	Asp	Phe	Asp	Gly	Xaa	Asp	Phe	Xaa	Xaa
		35					40				

<210> 7328

<211> 38

<212> PRT

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<400> 7328

Ala	Ala	Xaa	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10					15	

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Lys	Pro
			20					25					30		

Xaa	Val	Xaa	Xaa	Phe	Ser
-----	-----	-----	-----	-----	-----

6534

35

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<222> (13)

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<400> 7329

Asp Xaa Thr His Ser Asp Arg Cys Cys Xaa Val Pro Xaa Asn His Xaa

1

5

10

15

His Cys

<210> 7330

<211> 97

<212> PRT

<213> Homo sapiens

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<400> 7332

Leu	His	Gln	Arg	Gly	Leu	Ser	Leu	Xaa	Gly	Thr	Ser	Gly	Ser	Pro	Gly
1				5					10					15	

Leu	Gln	Glu	Xaa	Arg	Thr	Ser	Glu	Ser	Xaa	Ile	Leu	Leu	Ile	Xaa	Xaa
			20					25					30		

Leu

<210> 7333

<211> 45

<212> PRT

<213> Homo sapiens

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<400> 7333

Gly	Gly	Ser	Ala	Ser	Leu	Ser	Ser	Ser	His	Lys	Lys	Gly	Thr	Lys	Gly
1				5					10					15	

Pro	Ala	Pro	Pro	Thr	Val	Ala	Xaa	Ala	Leu	Glu	Leu	Val	Asp	Pro	Pro
			20					25					30		

Gly	Cys	Arg	Asn	Pro	Ala	Arg	Val	Xaa	Pro	Xaa	Xaa	Xaa
		35					40				45	

<210> 7334

<211> 35

<212> PRT

<213> Homo sapiens

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Ser Pro Ala Xaa Gln Met Xaa Ser Ser Xaa Pro Leu Tyr Phe Ser Gly

1

5

10

15

Val Xaa Leu Val Lys Arg Ile Cys Xaa Gly Glu Glu Leu Leu Ala Xaa

20

25

30

Leu His Leu

35

<210> 7335

<211> 17

<212> PRT

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<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

6539

<400> 7335

Xaa	Lys	Ser	Asp	Gly	His	Leu	Xaa	Ala	Xaa	Asp	Lys	Asp	Xaa	Thr	Xaa
1					5				10					15	

Pro

<210> 7336

<211> 48

<212> PRT

<213> Homo sapiens

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Lys Thr Xaa Trp Phe Cys Leu Val Ser Xaa Ile Glu Phe Val Cys Gly
1 5 10 15

Phe Lys Phe Xaa Xaa Asn Phe Tyr Phe Tyr Leu Phe Pro Phe Ile Tyr
20 25 30

Xaa Cys Leu Phe Cys Tyr Phe Cys Xaa Val Phe Leu Xaa Pro Leu Xaa
35 40 45

<210> 7337

<211> 22

<212> PRT

<213> Homo sapiens

<220>

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<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7337

Val Trp Gly His Pro Xaa Lys Asn Lys Xaa Pro Gly Ala His Trp Val
1 5 10 15

Asn Ser Leu Tyr Glu Lys
20

<210> 7338

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

6541

<400> 7338

Ala Arg Ala Glu Phe Gly Thr Arg Gly Ala Arg Tyr Pro Ile Arg Pro
1 5 10 15

Ile Val Ser Arg Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val
20 25 30

Thr Gly Asn Pro Lys Xaa
35

<210> 7339

<211> 49

<212> PRT

<213> Homo sapiens

<220>

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<222> (19)

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<222> (32)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7339

Leu Ser Lys His Thr Ile Tyr Met Thr Leu Ile Leu Ile Thr Arg Ser
1 5 10 15

Asn Gln Xaa Asp Asn Glu Ile Pro Ile Ile Lys Phe Gly Glu Lys Xaa
20 25 30

Ser Lys Ile Tyr Gln Asn Ile Cys Pro Pro Xaa Arg Cys Ile Ser Ser
35 40 45

Leu

<210> 7340

<211> 18

<212> PRT

6542

<213> Homo sapiens

<220>

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<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7340

Lys	Asn	Glu	Val	Thr	Asp	Xaa	Leu	Lys	Lys	Lys	Lys	Lys	Lys	Ile	Pro
1				5				10						15	

Xaa Leu

<210> 7341

<211> 88

<212> PRT

<213> Homo sapiens

<220>

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<222> (58)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (62)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7341

Phe	Pro	Ile	Gly	Pro	Phe	Phe	Phe	Ser	Cys	Lys	Thr	Val	Leu	Leu	Leu
1				5				10					15		

Ile	Lys	Ile	Ile	Leu	Glu	Tyr	Cys	Gln	Cys	Val	Asp	Asn	Ile	His	Leu
				20				25					30		

Leu	Leu	Leu	Thr	Ala	Tyr	Ser	Ser	Val	Lys	Leu	Leu	Lys	Val	Leu	Asn
			35					40					45		

Ile	Met	Lys	His	Leu	Val	Lys	Asn	Trp	Xaa	Gly	Ser	Asn	Xaa	His	Gly
				50				55				60			

Arg	Asn	Pro	Arg	Thr	Leu	Gln	Ile	Pro	Pro	Leu	Ile	Leu	Asn	Ser	Lys
					65			70				75			80

6543

Ile Ser Ile Ile Leu Asp Trp Ala
85

<210> 7342

<211> 35

<212> PRT

<213> Homo sapiens

<220>

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<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7342

Asn	Gly	Thr	Arg	Gly	Gly	Pro	Val	Pro	Asn	Ser	Pro	Tyr	Ser	Xaa	Ser
1				5				10						15	

Tyr	Tyr	Asn	Ser	Leu	Ala	Val	Val	Leu	Gln	Arg	Arg	Asp	Trp	Glu	Asn
			20					25					30		

Pro	Lys	Xaa
		35

<210> 7343

<211> 55

<212> PRT

<213> Homo sapiens

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

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6544

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (45)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7343

Trp	Leu	Lys	Thr	Pro	Leu	Gly	Leu	Xaa	Gln	Ile	Thr	Val	Phe	Asn	Met
1				5				10						15	

Thr	Xaa	Leu	Arg	Leu	Tyr	Asn	Leu	Asn	Pro	Ile	Ser	Leu	Leu	Leu	Ser
			20					25					30		

Gln	Leu	Ser	Glu	Thr	Leu	Asn	Xaa	Thr	Ile	Leu	Cys	Xaa	Ala	Lys	Asn
		35					40					45			

Ser	Phe	Leu	Phe	Xaa	Arg	Asn
	50				55	

<210> 7344

<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

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<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7344

Ser	Xaa	Val	Ile	Cys	Ile	Leu	Ile	Asn	Xaa	Gln	His	Thr	Val	Arg	Ser
1				5				10						15	

6545

Thr Leu Xaa Tyr Tyr Ile Glu Val Leu Leu Phe Ala Tyr Leu Leu Ile
20 25 30

Phe Ser Thr Gln Ser Gly Ser His Phe Val Phe Cys
35 40

<210> 7345

<211> 92

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (43)

<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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6546

<223> Xaa equals any of the naturally occurring L-amino acids

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<223> Xaa equals any of the naturally occurring L-amino acids

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<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (87)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (92)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7345

Arg	Thr	Gln	Val	Xaa	Ala	Gln	Gln	Glu	Ala	Thr	Asp	Leu	Trp	Asp	Pro
1				5						10				15	

Gly	Pro	Gly	Val	Phe	Ala	Gly	Leu	Thr	Pro	Ala	Ser	Leu	Xaa	Phe	Gln
			20					25					30		

Leu	Phe	Leu	Ser	Lys	Val	Glu	Xaa	Thr	Phe	Xaa	Cys	Ile	Cys	Cys	Xaa
			35					40					45		

Asp	Trp	Cys	Ser	Gly	Pro	Ser	Arg	Pro	Cys	Cys	Xaa	His	Asn	Xaa	Xaa
		50					55				60				

Gln	Xaa	Xaa	Pro	Gly	Xaa	Ile	Leu	Ser	Gly	Xaa	Val	Phe	Thr	Ala	Leu
65					70					75					80

Pro	Ala	Leu	Gln	Leu	Gly	Xaa	Thr	Met	Pro	Ala	Xaa
				85					90		

6547

<210> 7346

<211> 76

<212> PRT

<213> Homo sapiens

<220>

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<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7346

Thr	Leu	Lys	Met	Ile	Leu	Glu	Xaa	Val	Phe	Tyr	Val	Phe	Lys	Xaa	Arg
1				5				10					15		

Tyr	Ile	Ser	Phe	Leu	Tyr	Ala	Val	Asn	Xaa	Ser	His	Val	Tyr	Val	Ser
			20					25					30		

Tyr	Val	Ser	Leu	Cys	Gly	Asn	Ser	Leu	Asn	Tyr	Tyr	Ile	Ser	Ser	Leu
			35					40				45			

Xaa	Ile	Leu	Ser	Ser	Phe	Arg	Gly	Thr	Gly	His	Ile	Tyr	Met	Lys	Asn
		50				55					60				

Arg	Asn	Xaa	Thr	Thr	Asn	Lys	Arg	Glu	Ile	Thr	Arg
65					70					75	

<210> 7347

6548

<211> 80
<212> PRT
<213> Homo sapiens

<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (35)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (56)
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<220>
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<222> (60)
<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (68)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (70)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (74)
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<400> 7347
Leu Val Pro Asn Ser Ala Arg Gly Phe Thr Leu Leu Thr Lys Arg Leu

6549

1	5	10	15
Asn Arg Leu Phe Ile Asn Arg Pro His His Ser Xaa Xaa Leu Asn Leu			
20	25	30	
Trp Ala Xaa Asn His Ser Arg Leu Thr Leu Ser Thr Pro Gln Xaa Gly			
35	40	45	
Gly Pro Ser Gln Ile Ile Ser Xaa Phe Lys Ser Xaa Ala Leu Pro Phe			
50	55	60	
Pro Phe Asn Xaa Gln Xaa Pro Gly Gly Xaa Lys Arg Gly Pro Leu Ile			
65	70	75	80

<210> 7348

<211> 21

<212> PRT

<213> Homo sapiens

<220>

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<222> (3)

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<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (12)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7348

Val Gln Xaa His Phe Thr Xaa Gln Ser Tyr Gly Xaa Thr His Pro Leu
1 5 10 15

Ile Ile Leu Val Xaa
20

6550

<210> 7349

<211> 63

<212> PRT

<213> Homo sapiens

<220>

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<222> (13)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (55)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7349

Gln Ser Glu Val Lys Lys Ser Val Cys Val Val Val Xaa Ala Trp Ile
1 5 10 15

Gly Val Pro Ser Cys Leu Gly Xaa Tyr Thr Tyr Ala Ser Phe Leu Leu
20 25 30

Phe Ile Phe Cys Leu His Ser Ser Glu Phe Thr Tyr Phe Leu Lys Ile
35 40 45

Ser Lys Leu Leu Phe Arg Xaa Ile Ser Arg His Trp Gly Arg Leu
50 55 60

<210> 7350

<211> 35

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

6551

<400> 7350

Cys Xaa Thr Tyr Val Tyr Pro Leu Leu Lys Phe Pro Pro Ala Leu Ile
1 5 10 15

Ser Met Phe Gln Cys Gln Xaa Ser Tyr Asn Ser Lys Cys Ser Pro Lys
20 25 30

Gly Gly Ser
35

<210> 7351

<211> 69

<212> PRT

<213> Homo sapiens

<220>

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<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

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<220>

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6552

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<220>

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<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (54)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7351

Gly	Leu	Lys	Lys	Pro	Lys	Thr	Ser	His	Glu	Val	Asn	Tyr	Xaa	Lys	Gly
1				5					10					15	

Phe	Pro	Trp	Asp	Xaa	Lys	Ile	Arg	Val	Lys	Thr	Val	Gly	Gln	Gln	Tyr
			20				25						30		

Phe	Pro	Xaa	Xaa	Gln	Asn	Xaa	Ser	Tyr	Xaa	Lys	Lys	Leu	Xaa	Ile	Xaa
		35					40					45			

Tyr	Met	Asn	Gln	Thr	Xaa	Thr	Pro	Phe	Pro	Ile	Leu	Leu	Lys	Ile	Xaa
	50					55					60				

Ser	Ser	Ile	Lys	Asn
65				

<210> 7352

<211> 60

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (9)

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<223> Xaa equals any of the naturally occurring L-amino acids

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6553

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 <223> Xaa equals any of the naturally occurring L-amino acids

 <220>
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 <222> (49)
 <223> Xaa equals any of the naturally occurring L-amino acids

 <400> 7352
 Lys His Gln Leu Phe Cys Phe Phe Xaa Pro Tyr Lys Leu Xaa Xaa Xaa
 1 5 10 15

 Xaa Glu Xaa Trp Val Val Val Met Val Xaa Thr Ile Thr Gly Tyr Phe
 20 25 30

 Ala Ala Thr Val Arg Xaa Glu Lys Xaa Gln Arg Ile Leu Leu Ser Cys
 35 40 45

 Xaa Ile Trp Gly Ile Thr Lys Trp Lys Thr Ala Ile
 50 55 60

6554

<210> 7353

<211> 18

<212> PRT

<213> Homo sapiens

<220>

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<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (6)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (14)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7353

Ala	Xaa	Pro	Gly	Gly	Xaa	Arg	Asn	Gln	Phe	Arg	Pro	Ile	Xaa	Ile	Pro
1				5					10					15	

Ile Thr

<210> 7354

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7354

Ala	Ala	Xaa	Gly	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10					15	

6555

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
 20 25 30

Lys Xaa

<210> 7355

<211> 48

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7355

Met Leu Pro Leu Xaa Ile Ile Thr Cys Leu Thr Leu Asn Lys Phe Tyr
 1 5 10 15

Arg Ile Phe Ser Arg Thr Phe Ala Asn Thr Gly Asp Ser Gln Lys Gln
 20 25 30

Cys Trp Glu Leu Phe Ser Asn Phe Pro Phe Glu Asn Leu Gln Lys Phe
 35 40 45

<210> 7356

<211> 40

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7356

Xaa Gln Leu Lys Glu His Thr Arg Leu Cys Ser Lys Ile Val Gly Arg
 1 5 10 15

Phe Ile Gly Arg Gly Asp Lys Pro Thr Glu Pro Gly Asp Ser Trp Leu
 20 25 30

Ser Lys Ile Asn Leu Ser Ser Leu

6556

35

40

<210> 7357

<211> 53

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (49)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7357

Val	Glu	Ala	Thr	Asn	Leu	Pro	Ser	Leu	Val	Ile	Ala	Gly	Cys	Pro	Lys
1				5					10					15	

Xaa	Asn	Leu	Xaa	Ser	Thr	Leu	Asn	Leu	Pro	Thr	Glu	Pro	Ser	Lys	Ser
			20					25					30		

Leu	Val	Asn	Leu	Thr	Val	Ser	Pro	Lys	Glu	Glu	Gln	Leu	Phe	Gly	Pro
		35					40					45			

Xaa	Lys	Lys	Pro	Cys
				50

<210> 7358

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6558

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (60)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (63)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<222> (70)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (71)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7360

Glu	Ile	Ile	Val	Val	Leu	Val	Trp	Trp	His	Lys	Phe	Phe	Ser	Leu	His
1				5					10					15	

Phe	Val	Tyr	Ala	Asp	Cys	Leu	Xaa	Xaa	Leu	His	Pro	Phe	Leu	Phe	Phe
			20					25					30		

Pro	Glu	Xaa	Xaa	Lys	Ser	Gln	Phe	Cys	Leu	Leu	Asp	Ala	Leu	Lys	Lys
		35					40						45		

6559

Ile Arg Arg Glu Arg Lys Asn Gln Thr Asp Cys Xaa Tyr Phe Xaa Glu
50 55 60

Xaa Asp Asn Phe Gly Xaa Xaa Cys Gln Ala Pro Ser Trp
65 70 75

<210> 7361

<211> 33

<212> PRT

<213> Homo sapiens

<400> 7361

Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15

Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Pro
20 25 30

Lys

<210> 7362

<211> 69

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (44)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (53)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (57)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (63)

<223> Xaa equals any of the naturally occurring L-amino acids

6560

<400> 7362

Asn Asn Met Asn Cys Met Pro Thr Val Tyr Gln Thr Trp His Trp Ala
1 5 10 15

Pro Cys Cys Cys Arg Phe Ser Glu Pro Trp Pro Leu Tyr His Gly Pro
20 25 30

Asp His Val Phe Ser Gly Arg Leu Asn Lys Leu Xaa Ile Glu Gln Ile
35 40 45

Thr Thr Ser Ser Xaa Asp Ile Lys Xaa Lys Tyr Ser Phe Asp Xaa Ile
50 55 60

Glu Gln Trp Glu Val
65

<210> 7363

<211> 77

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (3)

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<220>

<221> SITE

<222> (21)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (23)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (27)

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<221> SITE

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

6561

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<400> 7363

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1				5					10					15	

Leu	Lys	Leu	Cys	Xaa	Asn	Xaa	Phe	Phe	Phe	Xaa	Xaa	Val	Cys	Trp	Glu
			20					25					30		

Lys	Lys	Phe	Phe	Pro	Phe	Leu	Lys	Lys	Asn	Gln	Thr	Thr	Xaa	Xaa	Xaa
		35					40					45			

Xaa	Val	Ser	Trp	Glu	Ser	Pro	Xaa	Gly	Xaa	Lys	Xaa	Ile	Pro	Gly	Leu
	50					55					60				

Glu	Ser	Pro	Pro	Ile	Leu	Phe	Ser	Trp	Ala	Leu	Phe	Tyr
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<400> 7364

Xaa Pro Phe Leu Leu Leu Thr Xaa Xaa Leu Lys Trp Gly Gly Gly Leu
1 5 10 15

Xaa Pro Lys Asn Xaa Thr Phe Phe Pro Arg Gly Glu Lys Thr Ser Arg
20 25 30

Gly Ala Leu Gly Gly Xaa Pro Pro Pro Leu Lys Asn Pro Leu Xaa Gln
35 40 45

Asn Pro Leu Leu Phe Pro Gln Asn Gly Ser Xaa Xaa Phe Xaa Xaa Xaa
50 55 60

Gly His Pro Pro Asn Leu Asn Asp Phe Xaa Phe Xaa Ile Xaa Xaa Arg
65 70 75 80

Gly Xaa Gln Ser Asn Trp Xaa Phe Xaa Lys Ala Lys Gly Asn Leu Pro
85 90 95

Pro Xaa Phe Gly
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1				5					10					15	

Xaa	Gly	Ser	Phe	Xaa	Lys	Lys	Lys	Leu	Leu	Gly	Ala	Trp	Xaa	Thr	Xaa
			20					25					30		

Pro	Xaa	Lys	Lys	Xaa	Xaa	Lys	Lys	Xaa	Leu	Glu	Phe	Xaa	Phe	Pro	Lys
		35					40					45			

Lys	Leu	Gly	Xaa	Ile	Phe	Phe	Xaa	Xaa	Lys	Asn	Ser	Pro	Xaa	Lys	Ile
	50					55					60				

Pro	Phe	Pro	Pro	Phe	Trp	Gly	Glu	Xaa	Xaa	Xaa	Xaa	Xaa	Lys	Xaa	Xaa
65					70					75					80

Pro	Pro	Pro	Pro	Phe	Xaa	Ile	Trp	Lys	Asn	Phe	Gly	Pro	Pro	Phe	Phe
				85					90					95	

Glu	Xaa	Phe	Leu	Lys	Lys	Ile	Phe	Phe	Gly	Glu	Lys	Xaa	Pro	Pro	Lys
			100					105					110		

Xaa	Pro	Pro	Xaa	Asn	Phe	Xaa	Lys	Asn	Ser
			115				120		

<210> 7366

6568

<211> 50

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<213> Homo sapiens

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<400> 7366

Leu	Ser	Thr	Phe	Ser	Leu	Leu	Phe	Glu	Val	Leu	Phe	Gln	Pro	Ser	Phe
1				5					10					15	

Leu	Lys	Leu	Phe	Xaa	Ser	Thr	Leu	Ser	Phe	Ser	Xaa	Phe	Ile	Thr	Tyr
			20					25					30		

Pro	Phe	Ser	Leu	Glu	Leu	Glu	Leu	His	Tyr	Leu	Phe	Tyr	Tyr	Phe	Thr
		35					40					45			

Arg Leu

50

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<211> 35

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<400> 7367

Ala Ala Arg Xaa Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg

6569

1	5	10	15
Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Asn Pro			
	20	25	30
Lys Xaa Xaa			
	35		

<210> 7368

<211> 77

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<400> 7368
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1 5 10 15
Tyr Ile Lys Ile Arg Ala Leu Xaa Arg Xaa Val Leu Val Xaa Asn Gly
20 25 30
Tyr Ser Ser Val Val Gln Arg Tyr Thr Lys Cys Xaa Phe Leu Tyr Lys
35 40 45
Val Lys Ile Leu Gly Gly Tyr Lys Lys Ile Thr Leu Asn Xaa Leu Thr
50 55 60
Leu Xaa Gly Phe Asp Ile Xaa Phe Ser Xaa Trp Asn Pro
65 70 75

<210> 7369
<211> 78
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<400> 7369

Ser	Gly	Thr	Val	Ser	Val	Cys	Thr	Xaa	Xaa	Thr	Lys	Glu	Thr	Cys	Leu
1				5				10						15	

Arg	Thr	Phe	Gly	Phe	Gly	Trp	Lys	Leu	Phe	Ile	Phe	Cys	Leu	Ile	Glu
			20					25					30		

Pro	Asn	Leu	Leu	Ser	Gly	Thr	Ala	His	Xaa	Val	Asn	Lys	Xaa	Val	Xaa
		35						40					45		

Lys	Asp	Gly	Thr	Gly	His	Gly	Lys	Leu	Lys	Lys	Ser	Phe	Leu	Ser	Leu
	50					55					60				

Thr	Phe	Val	Arg	Leu	Asn	His	Leu	Thr	Tyr	Xaa	Ser	Glu	Ser
65					70					75			

<210> 7370

<211> 67

<212> PRT

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<400> 7370

Met	Xaa	Ala	Cys	Gly	Phe	Xaa	Xaa	Asn	Trp	Gln	Gln	Cys	Gln	Ile	Pro
1					5				10					15	

Arg	Ser	Trp	Ala	Leu	Phe	Lys	Ser	Xaa	Leu	Asn	Arg	Gly	Leu	Thr	Glu
			20					25					30		

Ser	Lys	Xaa	Ser	Xaa	Leu	Arg	Cys	Thr	Lys	His	Thr	Xaa	Thr	Thr	Xaa
		35					40					45			

Trp	Phe	Ser	Phe	Asp	Ala	Gln	His	Xaa	His	Glu	Xaa	Thr	Trp	Lys	Cys
	50					55					60				

Pro	Phe	Lys
		65

6573

<210> 7371

<211> 65

<212> PRT

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<400> 7371

Ser Phe Tyr Ile Arg Ile Arg Lys Cys Lys Leu Val Ser Xaa Ser Leu
1 5 10 15

Cys Xaa Leu Leu Asn Pro Thr Val Xaa Met Thr Asp Lys Phe Ser Pro
20 25 30

6574

Ser Pro Ala Xaa Cys Xaa Gln Val Arg Xaa Xaa Pro Lys Ser Pro Pro
 35 40 45

Phe Trp Asn Phe Lys Leu Gly Gly Ser Gln Asn Thr Xaa Gly Ser Tyr
 50 55 60

Phe
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<210> 7372

<211> 100

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Gly His Val Phe Ser Phe Glu Leu Phe Ser Phe Ser Val Gly Gly Lys
 1 5 10 15

Ile Ser His Glu Lys Gln Lys Val Thr Leu Pro Ser Leu Met Pro Gly
 20 25 30

Ser Xaa Asp Glu Lys Glu Ile Leu Gly Lys Asp Gln Phe Pro Leu Phe
 35 40 45

6575

Gln Leu Ser Ile Thr Glu Phe Val Phe Gly Lys Trp Ala Phe Leu Lys
50 55 60
Ser Cys Ser Val Phe Gln Gln Gly Gln Glu Val Xaa Cys Leu Leu Cys
65 70 75 80
Tyr Leu Lys Xaa Ser Val Arg Gly Val Pro Xaa Gly Ser Arg Lys Xaa
85 90 95
Ser Ser Phe Cys
100

<210> 7373

<211> 96

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<400> 7373

Gly	Thr	Ser	Val	Val	Val	Tyr	Xaa	Arg	Cys	Xaa	Leu	Met	Leu	Asn	Ser
1				5				10					15		

Xaa	Tyr	Ser	Xaa	Arg	Glu	Xaa	His	Lys	Phe	Xaa	Val	Lys	Xaa	Pro	Ser
			20					25					30		

Tyr	Cys	Gly	Phe	Phe	Leu	Leu	Leu	Xaa	Asn	Met	Xaa	Glu	Ile	Lys	Ile
		35					40					45			

Thr	His	Val	Leu	Gly	Pro	Leu	Lys	Pro	Tyr	Ile	Ala	Thr	Val	His	Xaa
	50					55					60				

Ser	Asn	Xaa	Xaa	Arg	Gly	Asp	Xaa	Gly	Xaa	Tyr	Val	Xaa	Thr	Tyr	Xaa
65					70					75					80

Ser	Xaa	Phe	Lys	Phe	Tyr	Leu	Leu	Arg	Lys	Xaa	Phe	Pro	Gln	Ser	Ala
				85					90					95	

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<211> 59

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<400> 7374

Ile	Glu	Phe	Tyr	Xaa	Tyr	Phe	Gly	Glu	Lys	Ile	Ile	Phe	Cys	Xaa	Pro
1				5					10					15	

Lys	Xaa	Ile	Phe	Ser	Tyr	Ser	Phe	Arg	Lys	Phe	Glu	Ile	Leu	Xaa	Xaa
			20					25					30		

Phe	Arg	Ala	Phe	Asn	Trp	Asn	Leu	Xaa	Pro	Lys	Leu	Lys	Pro	Phe	Thr
		35					40					45			

Leu	Lys	Pro	Pro	Ile	Phe	Phe	Phe	Xaa	Pro	Leu
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<210> 7375

<211> 38

<212> PRT

<213> Homo sapiens

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Ala Xaa Arg Xaa Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Xaa Xaa
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Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
20 25 30
Lys Thr Xaa Gly Ile Xaa
35

<210> 7376
<211> 53
<212> PRT
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<400> 7376

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1				5					10					15	

Ser	Xaa	Gly	Ser	Ser	Ile	Ser	Gly	Ser	Ile	Thr	Asn	Ser	Trp	Phe	Xaa
			20					25					30		

Leu	Thr	Asn	Pro	His	His	Phe	Leu	Ser	Phe	Pro	Xaa	Xaa	Leu	Pro	Pro
			35				40					45			

Xaa	Thr	Pro	Ser	Ile
				50

<210> 7377

<211> 34

<212> PRT

<213> Homo sapiens

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<400> 7377
Leu Leu Tyr Phe Pro Val Xaa Ser Ala Gly Xaa Xaa Xaa Leu Leu Ser
1 5 10 15

Asp Arg Asn Leu Tyr Lys Xaa Phe Phe Asp Pro Val Gly Arg Arg Tyr
20 25 30

Pro Phe

<210> 7378
<211> 26
<212> PRT
<213> Homo sapiens

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Gly Leu Leu Xaa Tyr Xaa Asn Glu Thr Leu Val Xaa Thr Lys Tyr Asp

1

5

10

15

Phe Xaa Lys Val Leu Phe Tyr Lys Thr Xaa

20

25

<210> 7379

<211> 112

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<400> 7379

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1				5					10					15	

Ile	Xaa	Xaa	Phe	Leu	Lys	Ile	Gly	Pro	Xaa	Xaa	Phe	Xaa	Phe	Lys	Xaa
			20					25						30	

Phe	Leu	Lys	Lys	Lys	Asn	Phe	Asn	Cys	Phe	Xaa	Xaa	Lys	Ile	Xaa	Pro
		35						40					45		

Pro	Phe	Lys	Xaa	Phe	Ser	Pro	Xaa	Arg	Phe	Phe	Pro	Xaa	Xaa	Phe	Xaa
	50					55					60				

Lys	Lys	Ile	Phe	Phe	Phe	Lys	Lys	Phe	Xaa	Phe	Phe	Gly	Gly	Phe	Phe
65						70					75				80

Xaa	Phe	Xaa	Pro	Ser	Leu	Ser	Pro	Asn	Phe	Xaa	Phe	Asn	Pro	Xaa	Phe
					85					90					95

6585

Phe Pro Pro Lys Ile Ser Pro Ser Pro Phe Pro Gln Lys Phe Pro Pro
100 105 110

<210> 7380

<211> 83

<212> PRT

<213> Homo sapiens

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<222> (39)

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<400> 7380

Pro	Trp	Asp	Arg	Asp	Val	Gln	Leu	Ser	Lys	Ala	Leu	Ser	Tyr	Ala	Leu
1				5					10					15	

Arg	His	Gly	Ala	Leu	Asn	Trp	Gly	Phe	Pro	Trp	Xaa	Leu	Val	Pro	Xaa
			20					25					30		

Leu	Glu	Leu	Met	Pro	Leu	Xaa	Thr	Pro	Xaa	Ala	Leu	Pro	Pro	Xaa	Leu
			35				40					45			

Xaa	His	Gly	Thr	Phe	Trp	Asn	Thr	Gly	His	Pro	Ser	Tyr	Ser	Xaa	Ala
			50			55					60				

Cys	Pro	Ala	Arg	Glu	Gly	Pro	Thr	Phe	Xaa	Leu	Xaa	Xaa	Glu	Xaa	Pro
65					70					75					80

Gly Lys Pro

<210> 7381

<211> 20

<212> PRT

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<400> 7381

Arg	His	Glu	Val	Thr	Ser	Leu	Glu	Phe	Phe	Phe	Phe	Phe	Leu	Xaa	Leu
1					5				10					15	

Asn Xaa Phe Xaa

20

<210> 7382

<211> 69

<212> PRT

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<400> 7382

Val	Gln	Met	Asp	Ser	Ile	Tyr	Val	Val	Leu	Asn	Asn	Asn	Leu	Gly	Cys
1					5				10					15	

6588

Leu Gln Thr Leu Gln Phe Ile Ile Phe Pro Tyr Lys Gln Asp Gly Leu
 20 25 30

Gly Phe Ser Ser Ser Thr Xaa Ser Ile Xaa Pro Thr Xaa Phe Xaa Tyr
 35 40 45

Ser Trp Ser Lys Lys Ile Thr Cys Phe Phe Phe Phe Lys Trp Ala Arg
 50 55 60

Asn Xaa Phe Phe Phe
 65

<210> 7383

<211> 61

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<400> 7383

Ile Arg Gly Ser Leu Ala Leu Glu Tyr Xaa Xaa Leu Xaa Lys Glu Met

6589

1	5	10	15
Arg Leu Gly Thr Leu Met Ser Gln Asn Leu Phe Ala Gln Xaa Leu Gly			
	20	25	30
Arg Thr Ala Leu Leu Thr Leu Gly Cys Thr Thr Trp Leu Lys Phe Ser			
	35	40	45
Pro Pro Thr Ser Leu Glu Cys Pro Pro Xaa Ser Pro Xaa			
	50	55	60

<210> 7384

<211> 24

<212> PRT

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<400> 7384

Val Pro Phe Pro Xaa Gly Glu Ile Pro Pro Leu Leu Lys Phe Arg Asn
1 5 10 15

Lys Lys Lys Xaa Xaa Arg Ser Lys
20

<210> 7385

<211> 42

<212> PRT

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6591

Leu Arg Xaa Leu Lys Gly Arg Asp Tyr Glu Leu Leu Ile Phe Val Ser
 20 25 30

Pro Ser Arg Ala Gln Leu Cys Cys Gly Trp Asp Pro Ser Gln
 35 40 45

<210> 7387

<211> 34

<212> PRT

<213> Homo sapiens

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<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7387

Val Gly Thr Arg Gly Gly Pro Val Pro Asn Ser Pro Tyr Ser Glu Ser
 1 5 10 15

Tyr Tyr Asn Ser Leu Ala Val Val Leu Gln Xaa Xaa Asp Trp Glu Asn
 20 25 30

Xaa Xaa

<210> 7388

<211> 38

<212> PRT

<213> Homo sapiens

6592

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<400> 7388
Arg Xaa Xaa Gly Gly Gly Arg Ser Ile Leu Met Asp Arg Pro Gly Trp
1 5 10 15
Met Asn Ala Ala Arg Ala Thr Xaa Leu Pro Xaa Ala Leu Val Gln Thr
20 25 30
Ile Tyr Pro Asn Lys Val
35

<210> 7389
<211> 52
<212> PRT
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<400> 7389

Xaa	Phe	Gln	Ala	Ser	His	Asn	Phe	Xaa	Ile	Asn	Xaa	Xaa	Asp	Arg	Thr
1				5				10					15		

Gln	Glu	Lys	Thr	Asn	Xaa	Leu	His	Gly	Gly	Ser	Asn	Phe	Pro	Phe	Ser
			20					25					30		

Arg	Pro	Xaa	Leu	Lys	Xaa	Asn	Pro	Leu	Pro	Pro	Arg	Phe	Pro	Phe	Xaa
		35					40					45			

Leu	Pro	Lys	Phe
			50

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<211> 25

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<400> 7390
 Gly Asn Gly Asp Gly His Pro Cys Arg Cys His Asp Ala Arg Gly Asp
 1 5 10 15
 Lys Gly His Xaa Xaa Xaa Pro Xaa Trp
 20 25

<210> 7391
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 <212> PRT
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<400> 7391
 Ser Glu Ala Ser Ala Gly Xaa Asn Xaa Leu Asn Phe Ser Gly Phe Pro
 1 5 10 15
 Gly Cys Arg Asn Ser Ala Arg Gly Pro Pro Gly Pro Pro Xaa Phe Phe
 20 25 30

6595

<210> 7392

<211> 176

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 Arg Ser Gln Pro His His Xaa Xaa Gly Arg Ser Thr Leu Asn Gly Ser
 1 5 10 15

 Pro Xaa Leu His Glu Phe Xaa Thr Ser Leu Cys Ile Ala Ser Gln Gly
 20 25 30

 Ser Pro Arg Lys Met Ala Glu Leu His Gly Gln Gly Val Leu Thr Pro
 35 40 45

 Pro Gln Met Gly Arg Val His Ser Pro Xaa Asp Leu His Ala Gly Arg
 50 55 60

 Pro Pro Ala Ala Asp Leu Pro Pro Arg Pro Met Leu His Met Val Gly
 65 70 75 80

 Gln Ser Xaa Trp Leu Val Glu Cys Phe Arg Gly Cys Val Tyr Xaa Arg

85

95

Pro Cys Ser Trp Ala Ser Thr Met Xaa Val Tyr Ile Gly Leu Gly Lys
165 170 175

<213> Homo sapiens

<223> Xaa equals any of the naturally occurring L-amino acids

<223> Xaa equals any of the naturally occurring L-amino acids

<223> Xaa equals any of the naturally occurring L-amino acids

Ser Leu Pro Gly Pro Ala Ala Arg Pro Pro Arg Ala Pro Ala Val Pro
35 40 45

6598

Leu Ser Leu Ser Pro Asn Leu Ala Leu Pro Gln Thr Cys Pro Val Pro
50 55 60
Val Gly Ser Ser Pro Xaa Gly Asn Trp Leu Trp Asp Arg Met Xaa Phe
65 70 75 80
Xaa Ala Ala Ala Asn Leu Gly Pro Gly Leu Ser
85 90

<210> 7394

<211> 111

<212> PRT

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6599

<400> 7394

Ala Leu Ser Arg His Arg His Val Pro Ala Ser Leu Glu Xaa Glu Pro
1 5 10 15
Arg His Ser Leu Xaa Asp Xaa Asn Phe Gly Xaa Phe Pro Ser Arg Pro
20 25 30
Ser Leu Arg Leu Leu Pro His Glu Ala Ile Ser Gly Asp Gly Arg Leu
35 40 45
Gly Gln Arg Gln Val Asn Arg Val Pro Gln Ala Pro Phe Pro His Thr
50 55 60
Lys Xaa Ala Asp Cys Glu Leu Thr Gly Leu Arg Pro Asn Arg Ser Leu
65 70 75 80
Ser Ser Ser Cys Leu Leu Xaa Thr Ser Gly Pro Ile Leu Ile Pro Xaa
85 90 95
Trp Pro Asn Leu Ala Phe Leu Gly Phe Ala Arg Cys Leu Val Cys
100 105 110

<210> 7395

<211> 55

<212> PRT

<213> Homo sapiens

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Cys Ala Cys Cys Xaa Val Asn Xaa Xaa Gly Xaa Ile Trp Xaa Lys Tyr
1 5 10 15
Pro Xaa Ile Leu Xaa Xaa Ser Ile Lys His Ala Cys Asp Ser Tyr Xaa
20 25 30

6601

Leu Lys Val Ile Leu Ser Ser Xaa Xaa Ile Ser Gly Xaa Tyr Xaa Leu
35 40 45

Ser Leu Ile Cys Leu Asn Ile
50 55

<210> 7396

<211> 19

<212> PRT

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Leu Leu Ile Xaa Asp Ser Leu Pro Phe Val Leu Asn Lys Ser Xaa Ile
1 5 10 15

Asn Glu Cys

<210> 7397

<211> 46

<212> PRT

<213> Homo sapiens

<220>

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<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7397

Leu	Thr	Asn	Gln	Gly	Phe	Xaa	Arg	Lys	Ile	Leu	Xaa	Ser	Lys	Cys	Xaa
1				5					10					15	

Ser	Ser	Pro	Gly	Leu	Tyr	Ile	His	His	Leu	Leu	Asp	Ile	His	Ser	Xaa
			20					25					30		

Val	Lys	Asn	Thr	Gly	Ile	Ile	Ile	Leu	Ile	Ser	Thr	Xaa	Xaa
		35					40					45	

<210> 7398

<211> 34

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (4)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7398

Ala	Ala	Arg	Xaa	Gly	Ala	Arg	Tyr	Pro	Ile	Arg	Pro	Ile	Val	Ser	Arg
1				5					10					15	

Ile	Thr	Ile	His	Trp	Pro	Ser	Phe	Tyr	Asn	Val	Val	Thr	Gly	Asn	Pro
			20					25					30		

Lys Xaa

6603

<210> 7399

<211> 41

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (7)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (17)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (20)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (26)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7399

Asn Ile Leu Phe Gly Glu Xaa Gly Ile Tyr Pro Pro Trp Leu Asn Xaa

1

5

10

15

Xaa Phe Leu Xaa Arg Phe Ser Trp Lys Xaa Leu Gly Gly Gly Asn Phe

20

25

30

Trp Gly Ser Arg Trp Arg Glu Pro Gly

35

40

<210> 7400

<211> 35

<212> PRT

<213> Homo sapiens

6604

<220>
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<222> (34)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (35)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7400
Ala Ala Arg Gly Gly Ala Arg Tyr Pro Ile Arg Pro Ile Val Ser Arg
1 5 10 15
Ile Thr Ile His Trp Pro Ser Phe Tyr Asn Val Val Thr Gly Lys Thr
20 25 30
Gln Xaa Xaa
35

<210> 7401
<211> 22
<212> PRT
<213> Homo sapiens

<220>
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<222> (20)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7401
Asp Trp Phe Gly Cys Phe Lys Ile Asp Ile Val Val Gln Cys Val Leu
1 5 10 15
His Gly Gly Xaa Arg Xaa
20

<210> 7402
<211> 71
<212> PRT
<213> Homo sapiens

6606

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7403

Xaa	Xaa	Leu	Pro	Trp	Glu	Xaa	Ser	Gly	Thr	Thr	Gly	Cys	Glu	Leu	Xaa
1				5					10				15		

Arg	Gly	Gly	Gly	Arg	Ser	Arg	Thr	Ser	Gly	Ser	Pro	Gly	Leu	Gln	Glu
			20					25					30		

Phe	Gly	Thr	Arg	Pro	Xaa	Met	Xaa	Gly	Gln
		35					40		

<210> 7404

<211> 32

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

6608

<221> SITE
<222> (8)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (17)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (23)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7405
Xaa Gly Phe Leu Xaa Xaa Met Xaa Lys Ile Arg Glu Xaa Xaa Leu Glu
1 5 10 15
Xaa His Arg Arg Cys Ala Xaa Ala Leu Glu Leu Val Asp Pro Pro Gly
20 25 30

<210> 7406
<211> 33
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (4)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (5)
<223> Xaa equals any of the naturally occurring L-amino acids

6609

<220>

<221> SITE

<222> (24)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7406

Glu	Gln	Gly	Xaa	Xaa	Ser	Ser	Thr	Ala	Val	Ser	Gly	Arg	Ser	Arg	Thr
1				5					10					15	

Ser	Gly	Ser	Pro	Gly	Leu	Gln	Xaa	Gln	Thr	His	Ser	Thr	Leu	Leu	Pro
			20					25					30		

Asp

<210> 7407

<211> 52

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (1)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

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<222> (3)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (38)

<223> Xaa equals any of the naturally occurring L-amino acids

6610

<220>

<221> SITE

<222> (48)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7407

Xaa Xaa Xaa Trp Asn Ser Thr Xaa Val Ser Gly Arg Ser Arg Thr Ser

1

5

10

15

Gly Ser Pro Gly Leu Gln Glu Phe Glu His Glu Glu Ala Phe Ser Cys

20

25

30

Phe Lys Met Xaa Leu Xaa Ile Ser Phe Pro Ala Thr Gly Cys Gln Xaa

35

40

45

Leu Ile Glu Xaa

50

<210> 7408

<211> 38

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (2)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (5)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (9)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7408

Ser Xaa Leu Ile Xaa Leu Arg Ala Xaa Ser Lys Arg Leu Leu Ile Ala

1

5

10

15

Ile Asn Ser Asn Leu Lys Ile Met Ala Thr Tyr Tyr Phe Glu Lys Phe

6611

20

25

30

Val Glu Trp Cys Val Leu
35

<210> 7409

<211> 37

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (19)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (33)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7409

Ala Trp Phe Leu Ala Leu Thr Ala Lys Xaa Gly Lys Ile Gly Trp Ser
1 5 10 15

Ser Thr Xaa Val Ala Ser Arg Ser Ser Thr Ser Gly Ser Pro Gly Leu
20 25 30

Xaa Xaa Phe Gly Thr
35

<210> 7410

<211> 112

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

6612

<222> (12)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (50)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (54)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (56)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (58)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (59)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (61)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (64)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (67)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<222> (73)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (89)

6613

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (94)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (106)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (111)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7410

Leu	Trp	Met	Pro	Leu	Ile	Lys	Gly	Glu	Ser	Ala	Xaa	Glu	Leu	Pro	Ala
1				5					10					15	

Pro	Pro	Gly	Val	Thr	Ala	Val	Gly	Leu	Gly	Leu	Cys	Cys	Lys	Pro	Tyr
			20					25						30	

Ile	Leu	Pro	Cys	Ser	Gly	Lys	Cys	Leu	Ala	Leu	Ser	Leu	Leu	Thr	Ser
		35					40					45			

Gly	Xaa	Pro	Val	Ile	Xaa	Thr	Xaa	Arg	Xaa	Xaa	Arg	Xaa	Val	Gly	Xaa
	50					55					60				

Met	Pro	Xaa	Phe	Leu	Ala	Asp	Ser	Xaa	Leu	Ile	Ser	Val	Val	Leu	Lys
	65				70					75					80

Lys	Asn	Leu	Met	Phe	Leu	Val	Val	Xaa	Phe	Trp	Gly	Gly	Xaa	Gly	Gly
				85					90					95	

Gln	Lys	His	Gly	Gly	Ser	Ser	Glu	Leu	Xaa	Arg	Asn	Val	Ser	Xaa	Ile
			100					105					110		

<210> 7411

<211> 24

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

6614

<222> (6)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (9)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 7411
Ala Arg Ala Glu Phe Xaa Thr Asn Xaa Thr Phe Thr Gly Xaa His Ile
1 5 10 15
Ile Ser Ile Gln Gly Xaa Ile Glu
20

<210> 7412
<211> 23
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (6)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<223> Xaa equals any of the naturally occurring L-amino acids

<220>
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<220>
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<223> Xaa equals any of the naturally occurring L-amino acids